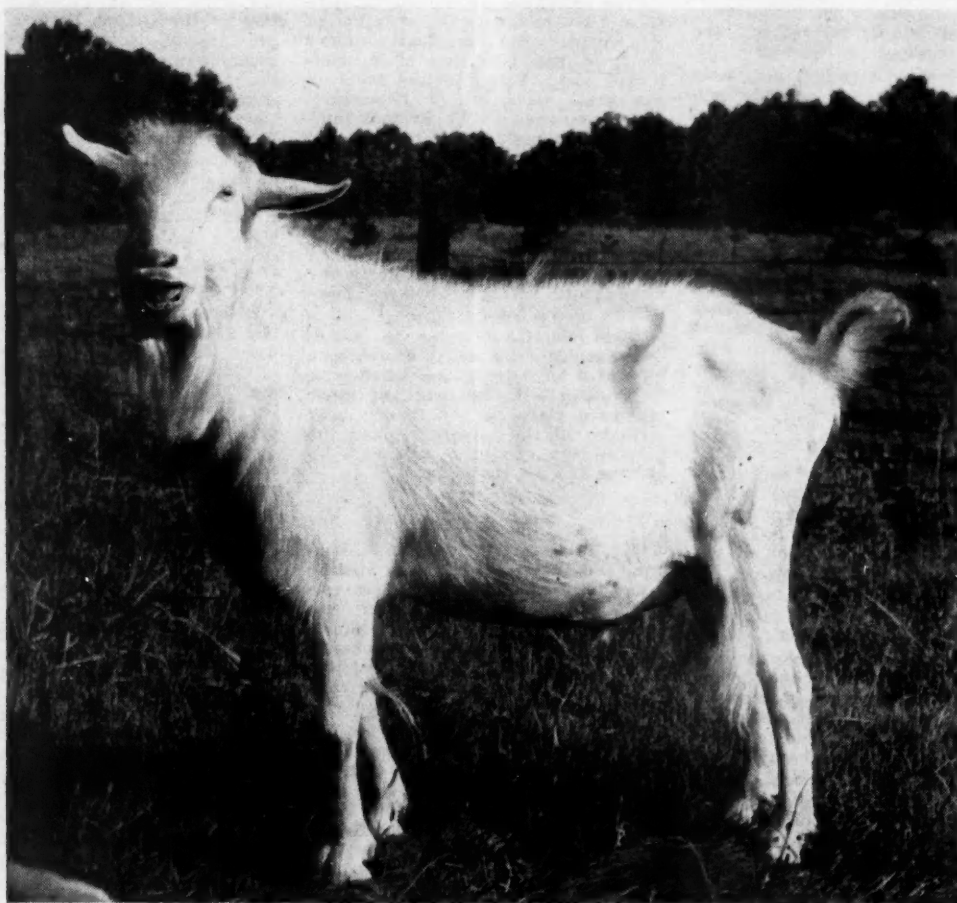


Dairy Goat *Journal*

MORE THAN A MAGAZINE—
It's an institution, a service



—Photo by Fred Knoop

Etherley Mynas, imported Saanen buck owned by Allan Rogers, Burtonsville, Md.

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And now comes the new day in which we live—a day of social reconstruction and spiritual awakening. The typical Christian of this new day will be the practical mystic. He will be a mystic—sensitive to the spiritual values of life and its deepest music; but he will also be a man of practical power, facing the social problems of the age and contributing to their solution.—ALBERT W. PARKER.

Two goat registries

Correspondence indicates a growing pressure on the part of the average goat owner for the consolidation of the two goat registries, which has been discussed for more than a decade without tangible results. May this comment from Samuel Johnson be added to the discussions: "Nothing will ever be attempted if all possible objections must first be overcome."

Ethical dullness

We may all have our pet, unrecognized grafts. Yet one cannot help but wonder if the fine edge of honesty is tending to be dulled rather than sharpened these days.

It was a small thing, it may have been entirely innocent, yet one cannot help but consider the warning of "Avoid the appearance of evil." A well-paid school superintendent was moving, and utilized the truck belonging to the school system to do this task. At worst, it probably cost the taxpayers but a very few dollars; but what did it cost in the teaching and example of ethics to those who were his students? Might it indicate an overall dullness of the ethical sense in all relationships of the teacher and pupil?

One cannot answer; to consider might be fruitful.

Hoofs

Has an epidemic of negligence swept the country? I have visited but few goat herds in recent weeks where the hoofs did not need trimming. Better go out and look at the feet of your goats right now.

Use the information

Carlyle wrote, "That man is the most original who is able to adapt from the greatest number of sources." The most successful goat dairyman is the one who is best able to adapt the most ideas from others to his own operations.

Turn through the pages of this issue of Dairy Goat Journal. How many ideas can you advantageously adapt to your own use?

Salesmanship

Insurance men are willing to make many repeat calls to sell one insurance policy. A car salesman won't stop with one visit, he will make a dozen or more if necessary. Yet the goat owner, trying to sell stock, demands that the customer send a stamp to pay for the reply to the inquiry, and then makes no follow-up whatsoever. Is it any wonder some breeders get inquiries but don't sell stock? They expect customers to come and take it

away from them—they don't sell it at all.

Never neglect inquiries if you are advertising livestock or any other products. One breeder tells how one postcard inquiry resulted in the sale of a carload of goats. Another breeder whose advertising you see each month in Dairy Goat Journal sent his first request for information on a postcard; for many years subsequently he has had one of the largest herds and dairies in the country.

Oversight

Free enterprise and individual initiative have had a lot of attention in this country. But the great corollary to these has been too often overlooked, and in this oversight has been the great weakness of democracy. Free enterprise and individual initiative are as nothing without personal responsibility!

Tomorrow's goat owners

The goat owner of tomorrow is the boy or girl of today. The more young people can be interested in goats, the more goats and goat owners there will be in the future.

Wise advertisers cater to youth. This should be the policy of everyone interested in dairy goats—whether it be through 4-H Club work or other organized plans, or just in our daily attitudes in the attention given the curious boys and girls who come to visit us and see the goats.

Taste tells

"We like the taste of the milk from our goats, but when we were visiting a big dairy recently we had a sample of the milk they were selling. It was awfully strong, and we didn't like it a bit. . . . A friend in that community told us they had bought some of this goat milk, but it was so strong they fed it to the dog."

There is no sound reason for off-flavor in goat milk. Every dairy should make a daily practice to taste-sample the milk. One quart of milk like that described can offset thousands of dollars worth of advertising!

Good flavor is but part of the story of goat milk, of course. But it is time that goat milk was sold for its superior flavor, too . . . and it can't be done when a careless handling of the milk permits inferior flavor to reach the market.

Peace and security

May we draw your special attention to the box on page 4 of this issue, and to put an added emphasis on the statement of Dr. Brock Chisholm: "Peace and security are illusions, and dangerous illusions, so long as half of

the people on this earth are sick and hungry." For much of the world goats offer a large portion of the solution to this problem. The Heifer Project has discovered the utility of goats in meeting critical deficits, and the story of goats is reaching the high councils of the world.

If you would have some understanding of this urgency of the hungry of the world we would suggest and urge that you read "The Geography of Hunger," a frightening and at the same time promising presentation. Dr. Josue de Castro, its author, is chairman of the Executive Council of the Food and Agricultural Organization of the United Nations, and has presented the story of hunger in most readable and useful terms. If the book is not available in your public library, it is published by Little, Brown & Co., and the price is \$5. . . . If any reading is a "must" for 1953 we'd urge this book be put at the head of the list (and to implement it we'd repeat our recommendation of Dr. Frank Laubach's "Wake Up or Blow Up").

Artificial illiteracy

Before the government of Chiang Kai Shek went to Formosa the people were 95% literate—and the people of Chiang's China were only 40% literate. Yet when the Chinese Nationalist government took over Formosa it forbade the use of the Japanese language, and thus by fiat rendered illiterate an entire nation! This decadent government of China, which did so little for its own people that it became easy prey for the Communists, has forbidden any literature on Formosa except in its own Mandarin language—and this includes the Scriptures, which makes an almost impossible situation for the churches there.

The Chiang government is becoming increasingly unfriendly to Christian activities . . . although when he could use it Chiang promoted himself as China's great "Christian" leader. It no longer permits evangelistic services in the military camps "since the Christian religion is considered a weakening influence upon the soldiers." Freedom of Christian activities in other directions has been curtailed and probably will be made more and more difficult. There is opposition to building new churches.

That is the kind of government our government is supporting! The inconsistencies of our words compared to our actions in foreign relations are difficult to understand . . . and much of the world can't reconcile them. Is it any wonder that increasingly the Asiatics are looking with more than question at America and its actions, which speak much louder to them than do words?



You Said It

Your comments, criticisms, suggestions are invited for this department of communications from Dairy Goat Journal readers—just make them short and to the point, with a limit of not more than 200 words.

Dollar value of a doe

I don't consider myself a good business woman, but even I can figure out that a doe that gives a ton of milk in one lactation nets me a minimum of \$200 in one year. The bulk of our milk is wholesaled at 30¢ a quart. This doe is not finished after one lactation, but goes on for some time, repeating the performance and, incidentally, if properly bred should produce some salable kids. If I offer this doe for sale for \$200 a lot of people think I am profiteering. Why? Where else can one invest that amount and get a comparable return?—Mrs. Dorothy Martin, Newtown, Pa.

Helps vo ag teacher

After 18 years we are regretfully going out of the goat business. But I want my subscription sent to our vocational agriculture teacher, who thinks he can use it to good advantage in his work with the boys.—Mrs. W. F. Hull, Cameron, Mo.

A difference?

Does a person, just because he is Korean or Chinese, feel differently than an American when he holds the broken parts of his son or daughter in his hands?—Irving Conklin, Hayward, Calif.

Wants it natural

Goat milk will never be a success on the market as long as some dairymen persist in pasteurizing it. Goat

milk when pasteurized is no better than cow's milk, but natural it is in a class by itself and has no equal. Goat milk, natural, is the most wonderful product known to man; pasteurize it and it's not good hog slop.—W. Lee Springs, Fleetwood, Pa.

Proverbs 27:27

May I suggest that every goat owner print Proverbs 27:27 on his letterheads and all printed matter? A concerted use of this Biblical text by all goat owners could be highly effective in increasing the use of goat milk. . . . Look up this text and see if you do not agree with me.—Mrs. Claire Moore, Knoxville, Tenn.

It worked

How often poor, dumb animals suffer through our ignorance! Sometime ago I wrote you about my best doe that had a habit of staying on her knees most of the time, and I told you of another doe I knew of that was kept around for years raising kids every year even though she was always on her knees.

Following the suggestion given I trimmed the hoofs of all 9 of my goats—and since then my valuable doe has not been seen on her knees. It put me to shame to think of the ignorance and neglect on my part, and I want to give this as a warning to other goat owners.—Dalton Doonan, Dawson Creek, B. C., Canada.

Applied aid

May I take this occasion to thank you for the help I found last year in Dairy Goat Journal when I found that three of my foundation animals had come from a herd infected with mastitis? I was on the point of butchering all the affected animals when I learned through Dairy Goat Journal that this disease can be controlled by using certain of the antibiotics. I called my veterinarian, who soon had the herd entirely clean of the disease.

It is gratifying to see how my Collie pups thrive on the milk from my goats. I am milking 6 does at present and using every drop of the milk on the table or for the dogs.—Mabel G. Kiser, Waterloo, Ind.

Goat milk booster

I have subscribed to Dairy Goat Journal for 10 years. I preach goats and goat milk whenever I have a chance—but I have never owned a goat. I did buy a lot of goat milk from Cloverleaf Goat Dairy when Mrs. Keck was ill, and it put her back

on her feet—today she is very healthy. The field around Grand Rapids, Mich., is wide open for a good goat dairy.—Herman Keck, Sparta, Mich.

Turned up noses

It burns me up to see someone stick up his nose when goat is mentioned. Of course, it is gross ignorance, but how can one with a decent herd of goats have any patience with the fellow who has a bunch of scrubs that produce no milk and bring only \$2.50 when sold at the local stock market? What are such breeders (?) good for? I know one such near-by who has his herd of dairy goats in a hog lot, and feeds them with the hogs.

We have 5 lovely grade does—and never again will we have cows for a family milk supply. Our children, subject to asthma before, have not had a spell of it since we got our goats. Mr. Wilson was suspicious of goat milk for a while, but when he saw the rest of us enjoying the milk so much he decided it must be worth a trial. Now he won't use cow milk at all.—Mrs. Francis C. Wilson, Magnolia, N. C.

Parasite eradication

Since starting my practice in Modesto 20 months ago I have enjoyed devoting quite a bit of time to goat herds; largely because of the interest and cooperation of Ed Taylor. Ed brought over the June issue of Dairy Goat Journal today to show me the excellent article pertaining to weeds in the goat yard. Internal parasites have been a troublesome problem in some herds because of the reluctance of owners to keep goats away from pastures and lots containing vegetation.—Donald W. Rosenberg, D.V.M., Modesto, Calif.

Goat milk does it

I am a pipefitter. During the war I worked in confined quarters and was hit by smoke poisoning from welding galvanized pipes. This ruined my bronchial tubes and sinuses, and I could hardly talk. The physician gave me medicine containing quite a bit of codeine, and I had to use it regularly.

Later we got some goats, and after drinking the goat milk a while I found I could dispense with the medicine. It is now 3 years since I have had to take any of the medicine, and I am getting along fine. I live a rather rugged life, as I am a construction worker in New York City and commute to work 50 miles each way, as well as caring for our 4-acre home.

Mrs. Moennich has had a bad arthritis condition, but she finds it much relieved since she started using goat milk.—Herman C. Moennich, Glen Gardner, N. J.

Goat milk, of course

Four months ago we learned that our baby was allergic to cow's milk. We tried various allergenic foods without success. Then our doctor recommended goat milk—and our baby is now gaining beautifully.—Wilmer Brinck, Hicksville, O.

Dairy Goat Journal

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Two Goats Provide Cheese for Family

• By MRS. WARREN WINANS, Goodland, Kans.

TOO MANY recipes for making goat cheese apply to commercial quantities, instead of being useful for us who have but a few goats and want to make cheese for our own use in our own kitchens. We have two milking does, and have found this recipe works well.

I take the milk left over from other uses from 3 milkings. It must be perfectly sweet. The thick cream on the two oldest milkings might as well be skimmed and used for butter, otherwise the butterfat melts and rises to the top with the whey.

Fill a kettle of 5½ qt. capacity with the sweet goat milk. Set it on the stove and warm it to 90° F.—be very careful not to let it get over 95° F. or it will make a hard cheese. Then set the pail of milk in a dish pan partly full of water just warm enough to keep the milk an even temperature between 90° and 95° during the cheesemaking process.

As soon as the milk reaches 90° it is ready for the addition of rennet, which is added in this way: Take ⅓ of a rennet tablet and dissolve, just before using, in a tablespoon of water. Add this dissolved rennet to the warm milk and stir constantly for 3 to 5 minutes. Let the milk stand undisturbed for 30 minutes.

By this time the curd should be thick enough to cut with a bread knife which is long enough to reach to the bottom of the kettle. Cut the curd in squares about an inch across. Let it stand 15 minutes to toughen, then gently lift the bottom curd to the top with a pancake turner and cut again, leaving the curd in small cubes.

Let the curd stand another 20 minutes and lift the bottom curd to the top again. This evens the temperature, ripens the curd more evenly and keeps the curd from settling again into a solid mass.

Don't forget to keep adding hot water to the dishpan to keep the milk nearly 90°.

Stir the curd every little while until you can recognize a little squeak in the curd when you chew it. If the cheese was started at 8 a. m. it should reach this point between 11 and 12 o'clock. If at any time the milk gets cooler than 90°,

it will take longer. If it gets warmer it will ripen the curd sooner.

When the curd will squeak it is time to remove it from the whey and salt to taste (about 1 tablespoon of salt). The cheese press into which it is put can be made from an old syrup pail, coffee can, or something similar, with the bottom melted out. Take a square of cheesecloth and lower it into the can with the corners hanging over the top.

As soon as the curd is salted put it inside the cheesecloth which is inside the press. Then put a weight on (a clean stone will do) and leave it on the press about 24 hours. When the cheese is taken from the press, a little salt may be rubbed over the

outside of the cheese and let it stand for a day or two; then grease the cheese with warm grease, filling all the holes with grease, and cover it with cheesecloth—as you have seen cheese in stores covered.

Set away for a month. Turn the cheese and rub it often to check mold. I place the cheese on a plate with 2 sticks across the plate to let the air get to the bottom of the cheese. It will get moldy, though when you cut the cheese you will find the mold nearly all comes off with the cloth.

After one has made this cheese once or twice one can go right along with the ordinary housework and be making cheese at the same time.

Principles for Work

of the

HEIFER PROJECT, INC.

The Heifer Project, Inc., in cooperation with the American Milk Goat Record Assn. and the State Department (TCA) is now engaged in securing several hundred dairy goats for relief and rehabilitation purposes in Egypt. The following is a statement of the principles underlying the work of the Heifer Project.

1. The love of Christ constrains us to meet human need. We have received much from the hands of others; we must pass it on—in His name.
2. We want to give intelligently and effectively, measured by the needs of the emerging world. Our specialty is animal protein via the producing animals: Heifers, goats, pigs, chicks so far. "The only gift one man has a right to offer another is opportunity, since opportunity demands on the recipient's part an expenditure of energy corresponding to that represented by the gift itself." (Samuel Cupples.)
3. We believe that every man should bear his own burden, so far as he can; and we believe that we should bear one another's burdens where needed. And so we try to help needy people to help themselves.
4. We have no political or religious strings attached to our gifts—only this: "Pass on the gift to another needy person, family or agency."
5. We aim at the economic structure suitable to world peace. "Peace and security are illusions, and dangerous illusions, so long as half the people on this earth are sick and hungry." (Dr. Brock Chisholm, World Health Organization.)
6. We will work with any agency so long as we can maintain these basic principles.

Those wishing to cooperate in this work should write directly to Goats for Egypt Committee, Heifer Project, Inc., New Windsor, Md.



(Left) Chief of the Livestock Section of Kanagawa Prefecture (Yokohama, Japan), in the milk room of the Yokohama Goat Dairy Cooperative. (Center) "In the bottle" pasteurizing cabinet of the Yokohama Goat Dairy Cooperative. (Right) Dairy maid washing bottles at the Yokohama Goat Dairy Cooperative. These pictures, taken in 1951, should be compared with the modern plant in the accompanying picture which has been constructed since that time following conferences with American agriculturists.

Goatkeeping Progress in Japan

AT THE REQUEST of the Agricultural

Division of the Occupation in Japan, early in 1951 an American "visiting expert" in goatkeeping spent some time in that country working with the goat owners of Japan and the Japanese Ministry of Agriculture and Forestry. Several reports of this work have appeared in Dairy Goat Journal. A recent report has been received from Masao Kamio, chief of the Livestock Production Section of the Ministry, outlining the 2-year results of this work.

Mr. Kamio reports that "Thanks to this visit to Japan the importance of goat raising came to be recognized again and the number of goats has been increasing steadily in each prefecture, especially so in those districts visited. Special measures have been taken by the Ministry of Agriculture and Forestry to improve and increase the milk production of goats, and the Ministry of Welfare has amended its regulation controlling the processing and marketing of goat milk in line with the recommendations made. Some amendments in the rules and regulations of goat registration have also been made."

The Ministry decided in 1952 to establish a National Livestock Breeding Station where the so-called "medium-sized livestock" will be kept for breeding and subsequent distribution of breeding goats will be carried out through the 5 national livestock breeding stations.

Necessary funds for the purchase of goats have been made available

to the agricultural cooperatives by the Ministry of Agriculture and Forestry, and as a result about 1000 farmers have been able to purchase goats who would not have otherwise been able to do so.

The Ministry has imported 3 male British Saanens which are being kept at the National Livestock Breeding Station. Eight male and 4 female British Saanens have been imported by Nagano, Aichi, Fukushima and Ibaraki prefectures in 1952.

In 1951 112 select breeding males were purchased by the government and loaned to breeder's cooperatives.

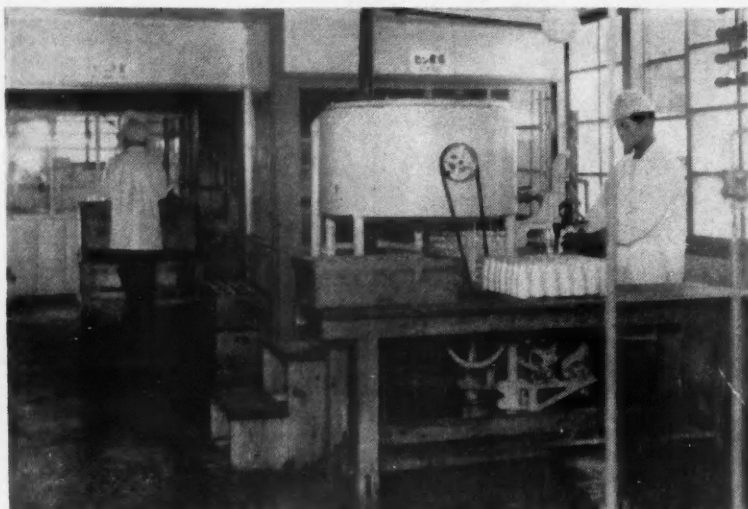
In 1952 additional purchases of 139 males were made.

It became possible in 1952 for cooperative milk plant projects to secure long-term loans at low interest. With such credit the Tokyo Goat Agricultural Cooperative, with well over 100 cooperating producers, has established a milk plant. Goat owners in Aichi prefecture are in the process of establishing such a plant, also.

Comparatively strict regulation covering methods of processing and storing goat milk had been established prior to 1951 by the Welfare



Dinner of the officers of the Yokohama, Japan, Goat Dairy Cooperative, meeting in 1951 with an American authority to discuss operations of their plant. The tent was pitched just outside the dairy plant and the dinner was held in a driving rain.



Modern milk plant of the Yokohama, Japan, Goat Dairy Cooperative. Compare this with accompanying pictures of the former plant.

Ministry under the Food Sanitation Law. As there were so many points contrary to actual circumstances these regulations were repealed in December, 1951, and more realistic ordinances instituted. Major points of amendment are:

1. Provisions concerning the ingredient-standard of fresh goat milk were modified.

2. Provisions concerning storage of fresh goat milk were repealed.

3. The old ordinance provided that goat milk must be cooled to a temperature below 10° C. within an hour after pasteurization, and then maintained at this temperature. This provision has been alleviated.

In the registration of goats the old regulations provided demerits for any horned, dehorned or disbudded goats. This standard was abolished in 1953.

For the Advanced Registry the old regulation required a minimum yield of 500 kgs. (1100 lbs.) during

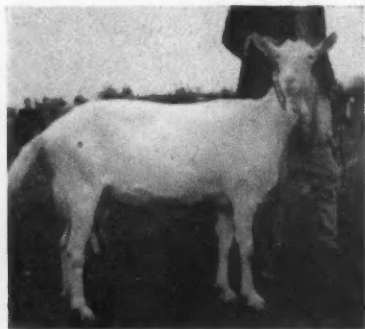
240 testing days. Under the new regulations this yield requirement has been raised to 600 kgs. (1320 lbs.). Longer lactations are recognized by the establishment of three classes. The 270 day group has a minimum of 650 kgs.; 300 days a minimum of 700 kgs.; 365 days, a minimum of 800 kgs.

The problem of feed supplies remains a major one. The Agricultural Ministry launched a program of research on wild grasses and pasture land in 1952, which is being extended into the Experiment Stations during 1953.

The Slaughter House Law has required a permit for slaughtering goats for home consumption. Steps are now being taken to amend the law so as to enable the slaughtering of goats freely, submitting only a report to that effect.

Japanese goat breeders and the Ministry of Agriculture and Forestry are also working with representatives of the Heifer Project, Inc., to supply goats for Korea and in this way to express appreciation for the goats sent to Japan after the war, the first shipment recently having been made. It is estimated that some 1000 goats will be made available for this purpose.

All truly wise thoughts have been thought already thousands of times; but to make them really ours we must think them over again honestly, till they take firm root in our personal experience.—Goethe.



Saanen doe, champion at the Livestock Show in Nagano Prefecture, Japan.

MAINTAINING ONE'S OWN BUCK HAS ADVANTAGES

By Mrs. LeBaron Sharp,
Mariposa, Calif.

WHETHER or not to maintain one's own herd sire is always a question with keepers of small goat herds. With this in mind, and convinced that linebreeding has value, we decided to raise a purebred son of our best doe.

We have used this buck, Hiboy, in all our breeding in the last five years, resulting in excellent kids. By having our own buck, we control the breeding and have an even milk flow all year around.

Hiboy has his own barn and has always been on a long chain. His best toy is an old rubber tire casing suspended by a chain from the branch of a tree.

Now you can have a smile with us and learn a lesson, too: Our doe Moppet seemed bloated, so I gave her several doses of bicarbonate of soda to dispel the gas, but with no apparent results. She had been bred in October but had not conceived, so we had continued to milk her. Suddenly I remembered that about the middle of April we had heard their bells too near the house. Investigating, we found the does quietly grazing near Hiboy, and the lock broken on their corral. Hiboy was all excitement—evidently Moppet had visited him out of season. . . . We never before expected to be presented with kids in September!

BANG'S 'DISEASE TEST' QUESTIONABLE FOR GOATS

A NEW bulletin on the Ring Test for discovering Bang's disease in cattle has been issued by the University of Missouri, by Dr. J. E. Edmondson. Dr. Edmondson was asked about this test for discovering Bang's disease (brucellosis) in goats. He reported that samples of goat milk had been used, but they had never been able to locate a goat infected with this disease and so could not report if the Ring Test would actually work on goats—if goats could be found with the disease.

Dr. Edmondson will be on the program of the annual meeting of the American Milk Goat Record Assn., to be held at the University of Missouri, Oct. 19-21.

Groom Your Goats for the Shows

• By IRVIN FRITCH

SHOW-RING fever is a virulent malady affecting goat owners with great regularity. Its cause may be attributed to several things, but whatever its origin the only remedy is to provide one's self with a well bred animal, give it loving care and attention, and on show day try to win the blue ribbon.

Goat shows are one of the best means of advertising goats in general and one's own herd in particular. They are perhaps the best of all ways to learn to know goats and to evaluate one's own herd. During the comparison with other animals the bad points and the good points are pointed out with clarity.

Regardless of the age or sex of the animals to be exhibited the principles are the same, the only difference being in detail. The time to begin planning for the next exhibition is at breeding time, not a week prior to the show. In the case of kids this is especially true, since most shows designate kid classes by age groups, and the larger kid will almost always get the ribbon if other things are even approximately equal. Therefore, it is wise to have the kids for a specific class born as early in the age period as possible; a few weeks makes a considerable difference in development.

One does not have to visit many shows to learn that oftentimes an otherwise worthy animal can miss winning the prize because it did not have good ring manners and failed to stand quietly and proudly when the judge was inspecting the class. Such a fault is not that of the goat, but of the owner. Good ring manners are so highly desirable that training the goat to stand properly, to lead quietly, and to submit to handling should begin at about 2 weeks of age.

Proper ring stance is for the feet to be as far apart as possible, yet squarely supporting the animal and without assuming an unnatural position.

The head should be held "normally" high, but without looking strained. If the head is held too high it will cause the back to sway down; if it is held too low the animal looks sluggish and the back and shoulders ill-formed.

Since the condition of the hair and

skin are important, brushing with a stiff brush should be done daily. The massaging effect induces blood circulation in the skin, and a healthy, live, shiny appearance in the hair.

Horns are extremely objectionable in the show ring, and it is probably not too strong to say that one might as well leave the horned goat at home, no matter what its other qualities may be. There is little, if any, objection to a neatly disbudded goat; some of the best judges make no discrimination on this at all.

Condition of the hoofs has a strong bearing on how a goat stands. From an early age the hoofs should be trimmed so that the hoof stands flat on the ground. Trim the outer shell level with the soft, inside frog. This can be done with a sharp pocket or pruning knife, a pair of snips or pruning shears. Since the rate of hoof growth varies greatly between individuals the hoofs should be examined monthly.

Conformation and general appearance usually earns nearly a fourth of the points in a mature animal, and even more in a kid since in the latter there is not a completely developed udder and teats to be considered. It is important, then, that the animal be in tip-top condition. That means general health must be good—for instance, the coat will not have that live, glossy appearance if the goat is infested with worms.

What would you think of a judge who came into the show ring with a scrubby growth of a beard on his face, soiled clothes, and a general untidy appearance? That is just what he thinks of your goats if you neglect to bathe them, if their coats are soiled, if they have long hair and a general poor appearance. Especially with animals predominantly white great care must be taken to have the coats in a really clean condition.

Clipping is customary at all shows. Only by removing the long hair will the goat have the tidy appearance which everyone admires—and which wins friends for dairy goats.

Time of clipping is important. If the goat is clipped just before the show it will have a naked appearance; neither will there be enough hair for the judge to ex-

amine its texture. It seems best to clip about 3 weeks prior to showing. This gives the hair time to grow out and to regain its sheen. Clipping is also a grand way to get rid of lice and skin troubles, although if the weather is cool it may be necessary to give the animal some protection with a blanket. Some animals—white ones, especially—are susceptible to sunburn so they should not be exposed to the hot sun too soon after clipping; the sun also tends to make white coats develop a sandy tinge.

If the weather is too cold to permit clipping, and it may be for the early kids shows, then clip with the hair instead of against it. This will remove only the long hairs and leave a presentable coat, although it will lack the finish of a complete clipping. This type haircut can be given two or three days before showing.

Any hairs around the hoofs should be cut off flush with the top of the hoof. If the animal tends to have large bones in the legs, it is advisable to clip the hair on them very short, especially on the joints. The bellies can be clipped short at any time, and it improves their appearance. Long hair in the ears should be clipped and the beards on the does should be cut off short.

The hair on the tail should be bobbed off square on the end, and tapered toward the base of the tail, somewhat like a feather duster.

PENICILLIN ESPECIALLY FOR LIVESTOCK NOW AVAILABLE

A LONG-ACTING penicillin very similar to that for human use but prepared especially for veterinary use is now available under the name of Duracillin A. S., manufactured by Eli Lilly & Co. It is available in two forms: A 10 cc., multiple dose, rubber-stoppered vial of 300,000 units per cc. The other is a disposable, plastic syringe containing a single dose of 1,000,000 units. The newly designed syringe has a stout needle for puncturing tough animal hides. They are sold without prescription.

Goat owners find penicillin valuable in the treatment of respiratory illnesses, infections, and pneumonia and many other diseases. It may be effective in actinomycosis and other diseases, and is routine in postoperative care of animals which have undergone surgery or have suffered bone injuries.



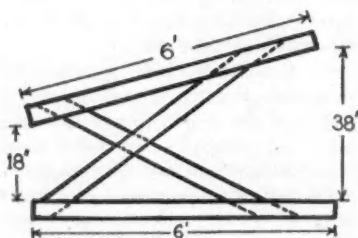
This portable goat shelter is easily moved from place to place. Note the water bucket attached to the side. Designed by Frederick B. Augustine, Melbourne, Fla.

How to Build a Portable Goat Shelter

● By FREDERICK B. AUGUSTINE, Melbourne, Fla.

PROBABLY every goat owner who keeps his animals in a dry lot or corral has thought longingly of a nice green pasture enclosed by a fence. He may have tried tethering but found that fouling of the chain on the stake, upsetting of the water bucket and lack of shade were too discouraging. And if he does build the fence around the field, at no small cost, he may find that the goats do not utilize the pasture as he hoped or that the fence is not exactly goat proof.

This article describes a portable shelter which provides both shade and maximum utilization of the pasture. It has been reported that cows make best use of pasture when the field is divided into small units (by electric fence) and these units grazed in almost daily rotation. Tethering is, of course, another way



Details of construction of portable goat shelter.

of controlling grazing, and this shelter operates on that principle, but without the previously-mentioned disadvantages. No stakes are driven into the ground; the shelter is moved simply by raising the front end slightly and pulling. A wooden floor provides a loafing platform attractive to goats and a roof provides shelter from sun and rain. The water bucket is securely mounted and salt can be made available, protected from rain. In mild weather the goat can be confined to the shelter at night if there are special demands on space in the regular goat house.

To start construction, make two identical trusses from 1"x4" rough lumber as shown in the drawing. The runners on the bottom are double, one on each side of the cross pieces sandwiched between. Five 6-ft. boards will be required for each truss. Set the trusses 28 in. apart

and nail flooring boards on the top edges of the runners, starting at the front and continuing back about 3 ft. Allow one section of the floor to project on one side to support the water bucket. Nail an old bucket to this projection and drop the regular water bucket inside it. Salt and mineral boxes can be built on to the trusses. Some bracing between the trusses will be needed to increase rigidity and to prevent the goat from crawling out the rear.

Roofing can be of various materials. A light frame, outlining the roof, can be built on to the rafter pieces and covered with cardboard and roll roofing, but if the goat is a climber, or has horns, a solid deck will be necessary. Sometimes wide but thin pieces of waste lumber can be obtained from a sawmill. These pieces can be overlapped to form a serviceable and attractive roof. The roof is 6 ft. wide at the top and narrows to about 3 ft. at the lower edge—a trapezoid in shape.

The free ends of a 5-ft. length of chain are fastened to the front ends of the runners. This loop of chain provides a convenient means of moving the shelter, especially if hand grips are provided. The tethering chain is fastened to the center of this loop.

Ease of moving will depend upon the weight that has been built into the shelter. For day-to-day moving within a pasture, it is not much trouble to raise the front end by the loop and pull forward a few feet, especially with the help of the goat. On longer trips, as between pastures, the use of a tractor may be advisable. Rounding the ends of the runners would make movement easier but might also allow the goat to drag the shelter. The runners should be creosoted.

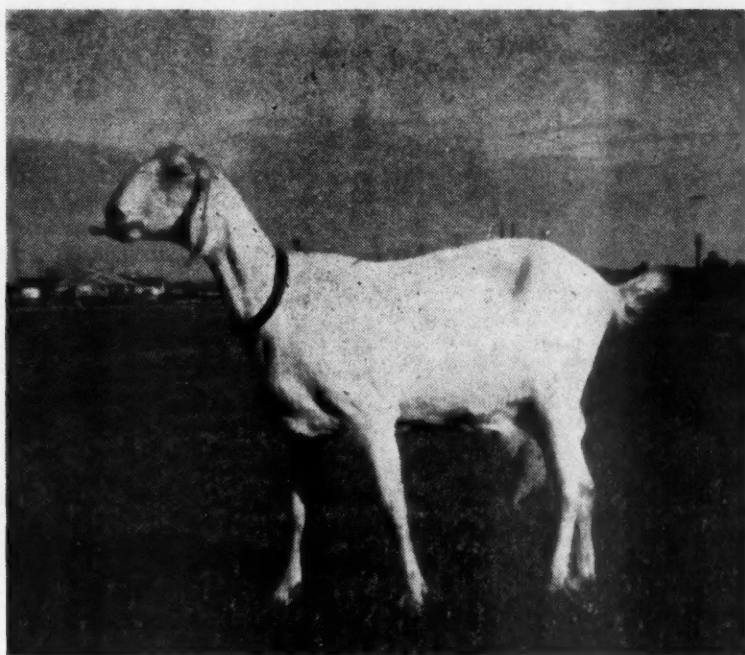
A separate shelter is required for each goat, but several units can be made efficiently at one time, using the first truss as a pattern for the rest.

GOATS APPARENTLY NOT AFFECTED BY BLUE TONGUE

BLUE TONGUE, an extremely dangerous disease of sheep which has recently been discovered in America, apparently does not affect goats, according to L. C. Heemstra of the U. S. Department of Agriculture. It is definitely regarded as a disease of sheep, although it has been reported in cattle.



Portable goat shelter in use. Designed by Frederick B. Augustine, Melbourne, Fla.



Mountainbrook Cotton, first freshening Nubian doe owned by Sheldon McIntosh, Bellaire, Tex.

PROPOSED BILLS TO REGULATE GOAT MILK ARE DEFEATED

CONCERTED action by the goat owners of California has resulted in the defeat of two bills before the California legislature to limit the ownership of dairy goats and the production of goat milk in that state. The assembly's committee on livestock and dairies tabled the bills, commenting that they would "just squeeze the little parties out."

The lobby for the large dairy interest had fought for these bills under the guise of public protection to "help eliminate milk-borne diseases."

FALL FRESHENING PAYS IN ACTUAL CASH RETURN

FOR MORE MONEY from your goats increase the number of fall fresheners in your herd. With most does freshening in the spring it is easy to see that this is the period of lowest prices; fall and winter milk brings the highest prices of the year. A doe giving 1500 lbs. of milk a year can easily be worth \$50 or \$100 a year more if she produces the bulk of her milk during the fall and winter months.

Furthermore, records indicate that does freshening in the fall tend to produce more milk during the

year! There is the normal peak production following parturition, and this is followed by a secondary peak in the spring when improved weather and feed conditions give stimulus to milk production.

Feed costs to produce milk are slightly lower with does freshening in the spring, but the combination of higher milk prices and higher production with the fall fresheners more than offsets this.

FAT TESTS MAY VARY FROM SEVERAL CAUSES

IN STUDYING the production records of their herds, dairymen are often impressed by the frequent variation in the average test of the herd, and even the fat tests of individuals within the herd may vary from month to month. These fluctuations may be confusing, or even arouse suspicion of the accuracy of the test. It is important to realize that many factors affect butterfat content of milk, and that variations even within a single day may be quite normal.

Some breeds are noted particularly for their high butterfat test. In mixed herds, any change in the composition with respect to the breeds represented might affect the average test of the herd.

Fat content decreases during the summer and increases during the

colder months. If the animals are not amply protected from exposure to weather, sudden changes in the weather may influence the test, especially if such changes occur during the test period.

Sudden changes in feed or feeding practices may temporarily influence the fat test, and may cause a marked variation from the herd average of the previous month.

The test of most animals varies with the stage of their lactation. The fat content is relatively high at the beginning of the lactation, declining somewhat after the first month, and remaining fairly constant until the end of lactation when it increases again.

Goats in good condition at the time of kidding tend to continue their high test over a longer period than those in poorer condition at kidding time.

Other factors, such as the period of heat, completeness of milking and the age and health of the animal may affect butterfat content.

INTERCOMS INCREASE FARM EFFICIENCY

GOAT OWNERS have greatly increased the efficiency of their operations and have offset the difficulties of communication between homes and farm buildings through the use of intercommunication systems. It proves to be a time-saver, a labor-saver, and a safety measure.

An intercom permits free communication between the barn and the house. One wife uses it as a baby-sitter: While she works in the dairy she can hear any sound in the house where the children are playing or sleeping. More commonly the operator uses it to listen in for any unusual sounds coming from the barn, or to know when a doe is about to freshen without having to make repeated trips to the barn.

TERRAMYCIN CHECKS ANTHRAX WITHIN 48 HOURS

ANTHRAX, an extremely dangerous and hitherto largely fatal disease of livestock, has been brought under control in from 24 to 48 hours by the use of intravenous injections of terramycin, according to an article in the Journal of the American Veterinary Medical Assn. Anthrax presents a danger not only to goats and other livestock, but is transmissible to man.

June Markets for Goat Milk

Location	Retail, bottled at farm, qt.	Retail, bottled delivered, qt.	Wholesale bottled, qt.	Bulk wholesale, cwt.	Cheese, lb.	Miscellaneous
Ohio (1)	.35					
Alaska		.50	.45			
New Jersey (2)	.55	.60*	.47*			
Northern Ohio (3)		.40*				
Southern Michigan	.50					
Maryland (4)	.50	.60*		10.00		
Missouri Ozarks (5)	.25					
Central Pennsylvania (6)	.50			17.50		
Southern California (7)				12.50		
Tennessee	.40*	.60*		15.00		
Seattle-Tacoma (8)		.47*	.36*			
Chicago, Certified		1.00				
Pasteurized		.63*				
Central California (9)	.45	.48	.37	8.00		
Central California (10)				9.48		
Central California (11)				8.80		

* Pasteurized

SOME DAIRIES have reported prices for this month that have not previously reported, giving indications of goat milk prices in other areas. And again it is noted that some that have reported previously are omitted because of their failure to report current markets in their area. Yet this gives a reasonably good sample of what goat milk is actually bringing in various areas, with all the theory of what it *ought* to bring knocked out of it.

Again comments were received from several dairies that should add to the usefulness of the information. These comments are given below, according to the reference number in the tabulation:

1. Milking at this dairy is all done by machine, 34 animals being in the producing herd.

2. Milk sold at the farm is natural, that sold on route delivery must be pasteurized according to state law. Dairies purchasing bottled milk at wholesale supply their own bottles.

3. More than 1100 qts. a week were sold during the Month of May by this dairy.

4. Bulk milk is sold to distributor who pasteurizes, bottles and delivers the milk other than that sold as natural milk at the farm.

5. This price has maintained for 7 years. "We feel that if in keeping our price just a few cents above cow's milk price we have pretty well solved the problem of rapid turnover of customers. Several of our customers have been constantly with us

over a period of years. We do not have to spend a penny for advertising, for satisfied customers are our best advertising. We are milking 17 does, and sold 765 qts. during April."

6. Milk sold at the dairy goes out only in customer's own containers. Eighteen Toggenburg does are supplying the milk at present.

7. This dairyman asks that amount of milk produced, and number of quarts of milk in each price classification be stated (note that some dairies have supplied this information). He suggests that some time a study of comparative feed costs would be interesting and useful.

8. The Puget Sound Market Milk Act, USDA, exempts goat milk from all controls; hence the price of goat milk does not follow cow milk prices.

9. Prices will remain the same until the next price hearing of the Milk Price Control Board, probably in the early fall. Natural and pasteurized milk are the same price. Surplus milk from dairies in this area goes to the Co-op at Modesto from March until late fall on a base price of \$2 per lb. butterfat—price given as bulk wholesale milk is based on an assumed 4% butterfat test. Dividends from the cooperative operation add materially to this basic milk price. During the winter months fluid milk from this area is shipped to urban areas \$12.50 per cwt.; a program that has helped the bottled milk retailers by providing them

with a good winter milk supply, and it has helped the Co-op members who do not have sufficient volume to keep the Co-op operation going during the winter.

10. Seven years ago milk in this area was bringing \$5.40 cwt. as bulk, wholesale milk, and feed prices were at least 10% higher. Cooperative organization has raised the price of milk and lowered feed costs. This dairy operator also asks for more data on financing a dairy, submitting this comment: "We have always figured around 100 milkers for a couple to care for. We have about \$18,000 invested in our place. . . . It would be interesting to know of potential markets that are open where people might move to and start goat dairies—but so many people don't have the push to start from scratch and build a bottle business."

11. Bulk milk going into the production of evaporated goat milk. Price of the finished product is not given.

TRACE ELEMENTS CAN BE DANGEROUS IN FEEDS

THERE ARE many ingredients used in feeds today which increase livestock production when used in minute quantities, but which will reduce growth or even be toxic when used at only slightly higher levels. To get these trace elements into feeds in exact proportion has been a major problem in the mixing of feeds.

Purina Mills, manufacturers of Goat Chow, have been working on new operating procedures, equipment, adjustments and control to accomplish this delicate task. This new method, named Micro-mix, is devised to give absolute, complete and thorough mixing of all ingredients, even though some might be added at the very low level of 1 part in 10 million.

Yesterday's Goatkeeping

From the files of Dairy Goat Journal

30 years ago
(July, 1923)

The Governor of California, Friend W. Richardson, vetoed the so-called California Goat Dairy and Buck bills which had passed the legislature, but

which had been opposed by goat owners of the State.

The semi-annual meeting of the directors of the American Milk Goat Record Assn. was reported, largely devoted to charges made by Dr. C. P. de Langre against the administration of the association.

Chieftain of Rancho 57, Toggenburg buck, was sold by Marion Mell, Baldwin Park, Calif., to Burris Lyman Smith, Syracuse, N. Y., for \$2000.

Mrs. Ella Swindler announced the removal of their herd of 130 Toggenburgs from Idaho to Batesville, Ark.

H. M. Butler, Lewis, Kans., was advertising purebred Nubians—he still is.

20 years ago (July, 1933)

Dairy goats were being exhibited at the Century of Progress by the American Milk Goat Record Assn.

The California Milk Goat Breeders Assn., W. T. Sparks, pres., voted to purchase green chambray uniforms for attendants at the milk and literature booths at the various fairs.

A "Primer for Goatkeepers" was a new booklet announced by Dairy Goat Journal—still a popular advertising piece in 1953, after many revisions (price 50c).

A question still unsatisfactorily answered was presented in an article by Mrs. H. A. Roberts, who asked, "Why Do Folks Live in Town?"

10 years ago (July, 1943)

The Director of the Bureau of Animal Industry of Pennsylvania reported 1482 goats tested for Bang's disease without a single animal under Federal-State control showing evidence of the disease.

Malpas Motto, Nubian buck imported from England by H. V. Bale, had arrived at his new home in Springfield, Ill.

Winner in the Ninth Annual National Goat Milk Scoring Contest, sponsored by the American Goat Society, was Beatrice Bates, Mars, Pa., with a milk sample scoring 98.

Malpas Motto, Nubian buck, had just arrived from England for H. V. Bale, Springfield, Ill.

Strippings

• Joseph M. Feigley, Jr., Oakton, Va., died May 3 in Washington, D. C., at the age of 40 years. He was past president and still very active in the Capital Dairy Goat Assn. Although a Toggenburg breeder for many years, he brought the first French Alpines into the Washington area. He is survived by his wife and 4 children.

• Keith Randle, Granbury, Tex., sends a subscription to Dairy Goat Journal to Boy's Ranch in Texas. "It will do these 800 boys good to read Dairy Goat Journal for a year," he says.

• "Drink goat milk if you want to feel like a kid," writes Charles C. Gorman, New Castle, Ind.

• Mrs. Harry Sells, Sells' Goat Dairy, Chesterfield, Ind., was called to New York on June 7 to appear on the TV program of "What's My Line." The program was rebroadcast a week later on a local TV station and Mrs. Sells was able to watch her own performance.

• The American Institute of Cooperation will hold its annual summer session Aug. 9-13 at Columbia, Mo. Any goat owners in attendance are invited to make Dairy Goat Journal headquarters at this time.

• Xander Goat Dairy, founded and operated by Mrs. W. F. Fuetterer at Pevely, Mo., and advertised for sale in the June issue of Dairy Goat Journal, has been sold to G. Griffin. Mr. Griffin has rented a bungalow on the Fuetterer's farm and will continue to operate the dairy from that location. Mr. Fuetterer writes: "I had no idea so many people wanted to buy goat dairies. Xander Dairy was sold only a few hours after the ad came out in Dairy Goat Journal; we have had more than three dozen good inquiries since, and they are still coming. The only trouble is I only had one outfit to sell. . . . We are very happy about the new owners, as we have the cake and can eat it, too."

• Cal Tinney, over WABC, is reported to have given dairy goats one of the finest plugs ever on May 18, and commented that if he had just taken time to investigate he probably would be raising goats instead of cattle today on his Oklahoma ranch.

• In your files should be a copy of Technical Bulletin 800 of the Bureau of Dairy Industry, USDA, Washington, D. C., entitled "The Effect of Pasteurization on Some Constituents and Properties of Goat Milk."

• Nic Klein, New Hampton, Ia., who has long commented on problems of the dairy goat business, has purchased 16 acres near Waterloo on which he is launching into his goat breeding project.

• Mr. and Mrs. Don N. Allen, Wayland, N. Y., were guests of Dairy Goat Journal recently on their way to a vacation in California. Mr. Allen was the first secretary of the American Goat Society. While in California Mr. Allen visited several goat breeders and meetings of associations. He made transcriptions of several interviews for use in the East.

With the Breeds

• Mr. and Mrs. Rupert Alen, Mayru Nubians, Pleasant Grove, Calif., have sold Mayru's Daphne, Dizzy and Tizzy to Mr. and Mrs. Bold, Del Paso Heights, Calif.; Mayru's Hazel and Lucie to Bob Gonsalves, Rio Linda, Calif.; Mayru's Thunder and Boots to Mr. and Mrs. Yandell, Gridley, Calif.

• Mrs. L. O. Van Hook, Rancho del Cielo Saqnens, El Cajon, Calif., re-

ports the following sales: Cisco's Ala and Alzedo's Ansia, doe kids, to R. A. Brown, San Marcos, Calif.; Cisco's Acacia, doe kid, to Mrs. H. B. Ramsay, Lakeside, Calif.; El Amor, buck kid, to Mrs. Barbara L. Schnurr, Lakeside, Calif.

• Mrs. F. N. Craver, Del-Norte French Alpines, Bentonville, Ark., has made the following sales recently: A yearling doe, Fantasy Del-Norte, to George Turner, Vernon, B. C.; yearling buck, Chang Del-Norte, to Del A. McQuaid, Mt. Albert, Ont.; yearling buck, Majesty Del-Norte, to Lorenzo Fumero, Havana, Cuba; yearling buck, O'Joy Del-Norte, to O. C. Seward, Camden, Ind.; yearling buck, Len Del-Norte, Yvette Del-Norte, 3-year-old doe, to Mrs. C. B. Gilmore, Memphis, Tenn.; Maurine Del-Norte, Favorite Del-Norte and Babs Del-Norte to Mrs. Gladys Forsythe, Gig Harbor, Wash.; LaVerna's Nuit, an Advanced Registry doe, to Peter Fuller, Boston, Mass.; Natilee Del-Norte, a yearling doe, to Don C. Wilkes, Shreveport, La. Mrs. Craver says that the herd is again on official test, for the seventeenth consecutive year, and that the demand for stock is greater this year than ever before.

• Allan L. Rogers, Caprice Farm, Burtonsville, Md., has sold the following kids, all sired by his imported Saanen buck, Etherley Mynas; Madcap Caprice, buck, to John Merkel, Elberfeld, Ind.; Matador Caprice, buck, to Harold Winans, Bellingham, Wash.; Joy Caprice, doe to Joyce Randle Rogers, Burtonsville, Md.; Monarch Caprice, buck, to W. B. Sheldon, Springfield, Mo.; Dare of Starlight, male, to Walter and Mabel Tatum, Crosswicks, N. J.; Halp Caprice, doe, to Kenneth Simmons, Laurel, Md.

• Mrs. Elsie A. MacLaughlin, Pebblehaven Saanens, Perkiomenville, Pa., has sold Pebblehaven Prophet, buck kid, to Mr. and Mrs. Clyde Daily, Newark, O.

• John Hayes, Fairfield, Okla., drove to Mt. View, Ark., in response to the ad in Dairy Goat Journal of Edith R. Kiessig, Melody Hills Goat Farm, and purchased the mature French Alpine buck, Elm Grove Erle Boy, and Melody Hills Sunny Sue and her doe kid. He also bought two French Alpine grade does.

• Harry O'Neil, Harpersville, Va., purchased Sunset Hollow Zaccheus, young Toggenburg buck, from Mrs. Helen S. Baily, West Chester, Pa.

• Karl Noller, Buechel, Ky., announces the final dispersal of his French Alpine herd recently advertised in Dairy Goat Journal. He says the demand was even a surprise to him. The lowest priced animal in the herd went at \$100, and the top sale was at \$400.

• Chikaming Jan II Jessica, Toggenburg doe kid, was purchased by Mrs. Doris Troobnick, Puritan Acres Herd, Burke, Va., from Mrs. Carl Sandburg, Flat Rock, N. C. Mrs. Troobnick, visited the Western Carolinas Kid Show and selected this doe at that time.

Goat Supplies

Stainless Steel Milk Pail

(Available about July 15)



4 qt. seamless, stainless steel milking pail. Designed especially for milking dairy goats. With polished half-moon snap-on lid. This pail will meet all dairy codes, and will last a lifetime if given a little care. Priced at only \$7.95 each, plus 4 pounds postage from Milford, Pa. Please send extra for postage. WE CANNOT SHIP COD. Pails will be available about July 15 and will be filled at that time. Orders now on hand will be shipped at that time.

Odorout

Eliminate and control buck odor. Do it quickly and completely—used successfully since 1948. Occasional spraying of the buck removes does it. A few drops of Odorout removes buck odor from hands or clothing. Odorout will stop ANY objectionable animal odor around the house or barn. Pint, postpaid \$2.50

ASH Wire Saw

You've read about it in Dairy Goat Journal. It has proved itself from coast-to-coast. Complete Wire Saw Dehorning Kit includes: wire saw, 2 extra wires, bottle iodine, Blood Stopper, 8-oz. pine tar, germicidal soap—complete, postpaid, for only \$6.00. Wire Saw with 1 extra wire only, and complete instructions. \$3 postpaid.

Tamm Buck Jacket

You can avoid undesirable matings and still let your buck run with the herd. The Tamm buck jacket is backed by long use and is not an experiment. Constructed of heavy waterproof canvas, provided with aluminum drain so it may be put on and left as long as desired. Secured to the body with 1-inch straps equipped with adjustable nickel-plated buckles and tips, which assures years of service. There is a good possibility that a buck running with does will bring them in season. When ordering be sure to specify size. Measurements from neck to tail and give heart girth. Shipped postpaid direct from factory in Wisconsin. Each \$5.50

Goat Halter and Collars

Halters: Doe size \$1.10, Buck regular size, \$1.35, large \$1.50, extra large \$1.75 each. Add 8 ounces each for postage. Collars: Doe size 55c, buck size 80c. Add 8 ounces each for postage.

Complete Milk Straining Set



At last we've found what most goat raisers will appreciate in a small filter disc strainer. Bright tin plate, double seamed, with 2 brass wire discs to hold filter disc, and bayonet type collar which is easily removed for cleaning. Set consists of 4-piece milk filtering strainer, and 300 Rapid-Flow milk filtering discs. Shipping weight 4 lbs. Price complete set \$3.50

Extra brass wire screen disc holders, Sh. wt. 2-oz. each 20c
Box of 300 4 1/4 in. filter discs for above. Sh. wt. 3 lbs. \$2.50

Goat Milk Bottle Caps

Printed in red and blue on white stock. \$1.75 per 1,000, plus postage. Stocked in 3 sizes. For No. 2 add 4 lbs. postage per 1,000 and for 4 1/2mm and 51mm add 3 lbs. per 1,000 postage. No. 2 will be shipped if size is not given.

Bottle Nipples

Highest grade special rubber. Nipples used for feeding kids. 15c each, 4 for 55c, 8 for \$1. Postpaid.

Feed Pans—Quart Size

Pressed steel, hot dipped galvanized, nest conveniently, strong fins for hanging on woven wire (cleats for wood 10c each). Pans 85c each, add 1 lb. each for postage.

NOTICE—Send postage when wt. is shown.



WORRY CORNER

YOU ARE invited to write Dairy Goat Journal about any problems (if your problem is veterinary, please refer to this special department in Dairy Goat Journal before writing). They will be answered free of charge, or you will be referred to sources of information. BE SURE AND ENCLOSE STAMPED ENVELOPE FOR REPLY. Each month a few problems of general interest will be published in this department.

Use of hermaphrodites

Q: Could you tell me what I could do with an hermaphrodite?

A: These abnormal animals usually fatten rather easily and can be butchered to make excellent chevon.

Stripping

Q: What is meant by "stripping a goat?"

A: When the doe has been milked in the usual manner it is well to "strip" the udder. This is done by grasping the teat in the crotch between the thumb and first finger, and passing the hand down the teat without relaxing the pressure, so as to squirt out the milk that is in the teat. This should be done until every drop of milk is extracted.

Butterfat in goat milk

Q: How is the percentage of butterfat in goat milk determined?

A: The standard Babcock test and equipment is used. Almost any local buyer of milk or your County Agent can make this test for you.

Wethers

Q: If a buck kid is castrated will it have an objectionable odor when it grows up?

A: No.

Short lactation

Q: My first freshening doe milked well for 7 months, then suddenly went dry. She had not been bred.

A: This may be due to inherently short lactation, but may also be due to improper feeding, lack of essential minerals or vitamins, or improper care of some kind.

Dehorning age

Q: When should kids be dehorned?

A: Depending upon the method used goats may be dehorned when from 3 days of age to maturity. For best use of chemicals 3 to 5 days is usually recommended, with surgical procedures being necessary in most cases with older animals.

Breeding age

Q: At what age should does be bred for the first time?

A: This must depend chiefly upon their development. Under average conditions, and without the guiding hand of experience, it is probably the conservative plan to wait until the young doe is 15 to 18 months of age to breed her, although one will tend

to run into more non-breeders by delaying breeding. With experience, the development of a young doe may indicate it is practical to breed her at a younger age. Records kept with both cattle and goats indicate that a younger breeding age, probably about 9 months with goats, has many advantages when accompanied by proper development and care, resulting in larger, more fertile and vigorous stock, not to mention economic advantages.

Poor milker

Q: I purchased 2 grade does. The mother is milking pretty well, although on poor feed (poor quality timothy hay and whole oats, plus a little nonleguminous pasture), but her daughter that freshened 5 weeks ago, 15 months old, doesn't milk a quart a day. Her udder is small and her teats are quite small. With proper care and feeding has she a chance to develop more fully?

A: If the daughter was from a good sire it might be reasonably expected that she might in the future equal or excel her dam. But the rations she received before she freshened could not build her constitution to enable her to withstand the demands of milk production. While some improvement in her production might come with improved feeding, it is probable that she will not yield much until she freshens again, and then only if she is prepared for the coming lactation.

Concrete for barns

Q: As the basic material for a new goat barn I was thinking of concrete blocks but have been advised that blocks make a damp barn and are not satisfactory.

A: There are many fine concrete block dairy barns, and this material makes a good barn. It combines strength, durability, economy of maintenance, and resistance to fire. Any barn that is not properly ventilated will become damp, and the problem is therefore, rather one of ventilation than of material.

Dehorning mature does

Q: When should a mature doe be dehorned? Will it hurt a doe to be dehorned when she is carrying kids?

A: The important thing, even with mature animals, is to see that the horns are removed. The time to do the job is "when the knife is sharp." At the same time, if flies are bad it may be well to delay until the end of fly season. It is also quite a shock on a mature, milking doe and may

cause some decrease in milk production. This may make it advisable to delay the operation until the end of lactation; but it should be done before the doe is heavy with kid, as handling and shock might cause abortion.

Grade A rules

Q: I am planning to move to a new city where they are building a new, big hospital. What will be the requirements for constructing a Grade A goat dairy?

A: Dairy regulations vary from city to city. There is no general specification for a Grade A dairy that will cover all communities. You should make proper inquiry of the health officer and milk inspector in the city in which you plan to operate.

Goats and sheep

Q: I raise a good many sheep, and would like to keep goats for our family milk supply. Can I pasture the goats with the sheep?

A: Yes.

Poisonous plants

Q: Will goats eat poisonous plants?

A: Some types will be eaten by goats, but on the whole poisonous forage plants are rather unpalatable and will not be relished by goats unless the goats are especially hungry or the pasture depleted. If in doubt, if the goats are given a good feeding of hay before being put on the pasture there is little chance that they will eat of poisonous plants. Nevertheless, it is a danger that must not be disregarded.

Goats vs. trees

Q: Is there something that can be sprayed on nut trees to keep the goats from eating the foliage and stripping the bark?

A: Probably the only sure control is to keep the goats away from small trees—and a goat considers a fairly good-sized tree small when it enters into its diet. A few trees can be protected by fencing apart, or wrapping wire around the trunks. Some have reported good results in control by painting the tree trunks regularly with asphalt roofing cement—and some have recommended adding a little manure to the cement beforehand to make it even less palatable. This will protect the trunks, but the goats will keep the foliage nibbled as far as they can reach.

Health tests

Q: I live between two large cities and can sell milk in both. Will I have to have my goats tested for tuberculosis and Bangs?

A: City health officers can advise you on local regulations; but it seems that for your own protection you would want to follow a regular testing program.

Safe shipments

Q: We have received an order from the west coast for one of our kids

advertised for sale in Dairy Goat Journal. Would it be too far to ship that distance from Iowa?

A: No! Goats are shipped regularly from coast to coast by express. Air express offers even faster service. Your express agent can give you full information.

Goat travel

Q: I have a splendid doe and want to breed her to a fine buck some 75 miles away. But I wonder if a trip of 150 miles after she comes in season would have a bad effect on her?

A: If reasonable precautions against chilling or overheating or other injury are taken, the doe will probably enjoy the ride and will suffer no harmful effects.

Adapting a milker

Q: We have a 2-cow portable milking machine. This is made for a 4-teated animal, of course. Can it be adapted to use with goats?

A: The manufacturer can probably supply you with the connections needed to milk either 1, 2 or 4 goats at a time. The change-over is simple and inexpensive.

Live fencing

Q: I have read several items about multiflora rose hedge. Has this proved satisfactory with goats?

A: Surprisingly, goats are easily controlled with this living fence, although one would expect them to eat their way through it. It is proving one of the most practical, inexpensive and most beautiful fences for goats in many situations.

Taint in milk

Q: We have been troubled with off-flavors in milk at differing times during the lactation period. What is the trouble?

A: Off-flavor can be attributed to one or more of six primary causes: 1, Food eaten by the goat; 2, conditions of health; 3, adsorption of odors; 4, dirt in the milk; 5, bacterial action; 6, chemical action. Basically, treatment is to determine which of these is the cause and then to remove the cause. Journal-way Leaflet No. 7, Tainted Milk, Its Causes and Remedies (price 10c) may be useful to you.

Advanced Registry

Q: Is an Advanced Registry doe always an excellent milker, or what does the term mean?

A: Advanced Registry today indicates that a doe has proved herself to be above average as a producer under supervised testing, and has met minimum requirements for milk or butterfat on a lactation basis. Advanced Registry in itself does not indicate a superlative milker, but does give facts and figures on production which enables the breeder to select the best from the merely above-average group. It is probably the best assurance of production that, in practice, is available to the buyer or breeder.

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Columbia, Mo.

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DAIRY GOAT JOURNAL, Columbia, Mo.

VETERINARY



YOU ARE invited to write about any veterinary problems. Those accompanied by STAMPED ENVELOPE will be answered free of charge by Dairy Goat Journal staff members to the best of their ability or you will be referred to sources of information.

Selected questions of general interest will be published in this department. These are answered by DR. W. R. McCUISTION, Box 1731, Ft. Worth 1, Tex., a veterinarian and goat breeder with many years experience in practice with goat diseases.

If a personal reply is desired from Dr. McCuiston he may be written directly, enclosing \$1 for such reply.

Ballottement

Q: Recently a buyer from Mexico did something that interested us and we would like to have more information about it. He examined our herd carefully and selected four of the best does. On their right sides, he pushed in with his fist and knee, and turned one doe back because he said she was



Dr. McCuiston

not pregnant. We kept her and he took the others with him. Later he wrote saying his does had all kidded; ours had not. We had been certain that the doe he rejected was settled but when she should have kidded she came in season again. Knowing how to determine pregnancy in does would help keep our year-round milk production program operating more dependably.

A: This method of examination for pregnancy is known as ballottement. I have often wondered why breeders of dairy goats did not employ it more, and though it takes practice to reach that degree of perfection your buyer has, it can be done.

The unborn kid swings in the mother's womb, as if in a hammock, suspended from the roof of the abdomen just to the right of the backbone. The pregnancy or non-pregnancy of a womb can be determined by pushing in with the fist the lower right flank and waiting a short time for the displaced pregnant womb to swing back to the fist. Little if any rebound is felt from a non-pregnant womb. The earliest I have been able to detect pregnancy is about 2½ months, or half the term. The tumored womb or abnormal liquid in the womb increases the chances of error, but these factors are of comparatively small importance.

Ballottement will probably be practiced more since the advent of the hormone ECP, which should not be administered to an animal in early pregnancy.

Cryptorchidism

Q: We have a 4-month old buck that has only one testicle. Will he be usable for breeding purposes?

A: These deformed animals are usually unreliable breeders, and since the defect is strongly hereditary it is not advisable to permit him to serve as a stud. These animals are also fractious, unruly and untrustworthy.

Chronic cough

Q: A 5-year-old registered doe has developed a chronic night cough. She rarely ever coughs in the day time while she is running loose in the barn or pens. We have tried several cough syrups without any results that were encouraging. She is bossy and bad about fighting other goats so we have been chaining her up in a small stall at night to keep peace in the herd. She seems to accept this calmly and all the other goats seem to appreciate the arrangement. Her collar is not tight and since she does not pull on this we do not think that has any bearing on her cough. We wonder if she should be tested for tuberculosis. She passed a negative test about a year ago to this disease. She eats well and is the perfect picture of health.

A: While dairy goats should be tested for tuberculosis yearly, I am more inclined to think that this doe must be coughing from dampness in her stall. It might be well to see if good drainage occurs in this bed of hers. We recall one case where the owner of a goat dairy spent considerable money in trying to correct a cough in a milk doe. His young son returned from veterinary college and went out to the barn with a brace and bit and bored several holes in the wooden floor affording adequate drainage, and the cough cleared up within a few days. I remember another case where removal of the water trough that kept the ground damp, even though a wall existed between it and the stall, was responsible for a cough that had lasted for nearly 2 years. Goats can stand considerable cold but few of them can take dampness.

Creeps

Q: We have a 2-year-old doe that had triplets last spring. She seemed to do well and cleaned up following the kidding in first class order. Her milk yield was not as high as her first lactation when she came fresh at 10 months of age. At that time she was very inactive and got in and out of the buck pen in spite of all precautions that had been taken. In fact we named her Bee because of her constant activity and unlimited energy. Now she just creeps around walking slowly and when lying down it is difficult for her to get on her feet again. She has a ravenous appetite gnawing at nearly everything in sight and frequently she chews on old bones. We feed oats and prairie hay but with the 2-year drought just past our pasture was scant and overgrazed. She is



of

GOAT DAIRYING

FROM AMATEUR backyard goat owner to commercial goat dairyman, Frank Coutant grew in the dairy goat business. Here he outlines the steps to success, the pitfalls to avoid so that owning dairy goats is a money-making pleasure all along the way. Whether you own one goat or a thousand THE ABC OF GOAT DAIRYING adds to the pleasure and profit of the enterprise.

Contents

1. North America Rediscovered the Dairy Goat
2. A Hobby that May Become a Business
3. What Kind of Goat is Best for You
4. Where to Buy Goats
5. Feeding Arrangements, Stalls, and Other Barn Equipment
6. How to Build a Goat Dairy Barn
7. Feeding for Health and Milk Production
8. Care of the Milking Doe
9. Breeding Up for Better Goats
10. Breeding Suggestions and Care of the Pregnant Doe
11. Bringing up Husky, Lively Kids
12. Keeping Your Herd Healthy
13. Simple Home Treatments
14. In Conclusion

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DAIRY GOAT JOURNAL
Columbia, Mo.

The Infant and the Invalid

By CHARLES E. ATKINSON, M. D.

YOU READ this presentation of the case for goat milk in Dairy Goat Journal for January 1950. . . Here it is now, a powerful tool to help you increase the sale of goat milk and to open markets that have been closed heretofore.

As a 6-page folder it is a 9x18 in. sheet, folding to 6x9 page size. It can be mailed in a regular 6½x9½ catalog envelope; it can be folded once more to fit a standard No. 10 envelope; or with two folds it will fit a standard No. 6½ envelope.

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DAIRY GOAT JOURNAL
Columbia, Missouri

small in stature and her joints and bones appear to be rather more noticeable now since she is so thin. What can be done to restore her health?

A: This is a deficiency disease probably due to shortages in calcium, phosphorus, and other unknown mineral elements as well as the all important vitamins. The first early pregnancy together with having triplets a few months later brought about a drastic drain upon her bodily reserves. It is a breaking down of the structure of the bony framework of her body which was never allowed to get its mature development due to an early pregnancy and later to a multiple pregnancy. While you did not state, it would be a safe conclusion to assume that the triplets either came dead or did not survive very long. Think of the heavy demand made upon her system to provide material for the bones of 4 kids during a 24-month period of time when her own bony development in the skeleton was immature. The best thing for you to do is to put her on a ration of commercial goat feed and alfalfa hay as good as can be obtained. This should be supplemented with a good mineral formula that has an ample vitamin content. Bone meal mixed with molasses and given to her fresh each day will also prove to be helpful.

Photosensitization

Q: We have some grade goats that have developed a peculiar skin disease on the white sections of their bodies. These places first turn red, then brown and finally black when the skin begins to curl up and peel off like the bottom of a dry creek bed in hot summer. This leaves a large sore which is red and sensitive. Some goats get down and find it difficult to get up while others won't lie down at all but stay off to themselves. We are wondering if this is some kind of eczema and what can be done to remedy it?

A: This trouble is known as photosensitization which means a sensitivity to solar radiation, or the sun rays. It is different from ordinary sunburn because the animal must have eaten some substance such as vegetation which when digested and assimilated into the system combines with a certain kind of the sun's rays. This chemical reaction apparently takes place in the unpigmented area of the skin and irritation results which in turn ulcerates and the area rots out. The disorder has been observed for a long time but only recently have we learned much about it. There are certain forms of vegetation such as the century plant group in the southwest, the buckwheat in the northern states and the clover families which when eaten by some animals will react to the light rays on the white sections of the skin in this manner. The remedy is to remove animals from pasturage and those feeds that are known or suspected of producing this reaction. Shade the animals that have been on these feeds until they will have had time to eliminate the food in question. The application of zinc oxide ointment to the areas is very helpful and affords the patient considerable comfort.

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PRICES: Gallons, \$10; half-gallons, \$6.50; quarts, \$4; pints, \$2.50. The buyer pays express and parcel post charges on gallons. We pay such charges in the United States on all other sizes.

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2 yrs. old, naturally hornless. Sire: *B
Claude Hall Sir Robin; dam: Seraga Suz-
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ducer, nice udder, easy milker. Price \$65.

Also her two daughters: EMPIRE STATE
BELL A109592, cou clair, naturally horn-
less, open yearling. Her this year's cou
blanc, naturally hornless, pan fed doe kid.
Both sired by Sunflower Blossomtime's
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coln Del-Norte and **M Lincoln's Anne,
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test, Illinois State Fair 1950.
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Dotey, 12 lb. All stock on HIR test.
Buck and doe kids reasonably priced.
FRANK BIGELIS, N. Girard, Pa.



a word TO THE WIVES

Bran muffins

Sift together 1 cup flour, ½ tea-
spoon soda, ¼ teaspoon salt, and mix
with 2 cups bran. Add ½ cup medium
thick honey, 1 tablespoon melted goat
butter, 1½ cups goat milk and ¾ cup
finely chopped walnuts. Mix, drop in
muffin tins, and bake 25 or 30 minutes
in a hot oven.—Mrs. Florence Kendall.

Canned chevon

Chevon may be canned just as any
other meat, either raw or precooked.
I prefer to cut it up raw in about 2-
inch cubes for the solid portions, and
cut ribs so pieces will go into jars.
Brown well and pack into jars, using
3 or 4 tablespoons liquid to the quart
jar. Do not pack meat to the top, but
leave about 1 inch of space. If meat
is canned raw, do not add any liquid,
but add 1 teaspoon salt per quart.
Screw the lid on tightly. In using hot
water bath method, allow water to
boil for 3 hours. With pressure cook-
er, process it 1 hour at 15 lbs.—Mrs.
J. N. Hutchens.

Barbecued chevon

Soak 6 lbs. meat in salted water for
1 hour; drain. Put in kettle, cover
with water, add ½ cup vinegar, salt
and cayenne pepper to taste. Cook
slowly until tender. Place meat in
roaster and add part of broth in which
it was cooked. Sprinkle with black
pepper. Baste with the following
sauce: 2 tablespoons butter, 1 table-
spoon flour, 1 tablespoon sugar, ½
cup vinegar, 1 tablespoon cayenne
pepper and small can tomato juice.
Soften butter, blend in flour, sugar
and cayenne. Add vinegar and tomato
juice and boil a few minutes. Pour
over meat and baste several times,
then let brown.—Mrs. Fred Fienup.

Bean-Cheese rarebit

One quart tender cooked beans, 1
cup thin white sauce made with goat
milk, ¼ teaspoon dry mustard, 2 cups
grated cheese. Cook sauce, mustard
and cheese in double boiler until
cheese is melted and mixture is
smooth, stirring constantly. Pour im-
mediately on beans. Serve with brown
bread sandwiches.—Mrs. Ambrose
Knebel.

Lemon whey

For each qt. of whey add juice of 2
lemons and few pieces of lemon peel
and about 1/3 cup sugar. Sprinkle
with cinnamon or nutmeg and serve
ice cold. It's an extra nutritious thirst-
quencher.—Mrs. Henry Maas.

Cheese treat

1 cup Neufchatel cheese, 1 large
orange, sugar to taste. Grate orange

and squeeze juice. Add grated rind
and juice to cheese. Mix well with
sugar. Spread between graham crack-
ers for lunch.—Myrtle Frieberg.

Fruit sherbet

¾ cup orange juice, ½ cup lemon
juice, 2½ cups sugar, 1 quart goat
milk, 1 cup of any one of the following
fruits: crushed strawberries, crushed
raspberries, apricot pulp, mashed
peaches, mashed bananas, apple sauce.
Mix and freeze. If mixture curdles it
will freeze smooth again.—Jimmie
Gillespie.

Potato pancakes

6 large raw potatoes, 3 eggs, 1 tea-
spoon salt, ½ cup sweet goat milk, 2
tablespoons flour, ¼ teaspoon baking
powder. Peel, grate, and drain the
potatoes. Beat the eggs, add with the
other ingredients to the potatoes,
drop by spoonful into hot fat in a
heavy frying pan. When brown on
one side, turn over, brown on the
other.—Mrs. E. McGregor.

Mock angel food cake

Whites 2 eggs, 1½ cup flour, 1½
cup sugar, 1 cup hot goat milk, 3 level
teaspoons baking powder, and flavor
with lemon or orange flavoring. Sift
flour and baking powder 3 times. Add
sugar gradually. Stir in milk and
fold in beaten whites of eggs. Bake
at once.—Anna Moran.

Firth O'Forth scones

2 cups flour, 1½ teaspoons cream of
tartar, ¾ teaspoon soda, 1 teaspoon
salt, ¼ cup goat butter, 1 egg and 1
cup goat buttermilk. Sift flour, cream
of tartar, soda and salt; rub in butter
with fingertips. Beat egg, and add but-
termilk; combine lightly with flour
mixture. Place on floured board, flour
top slightly; divide into 4 portions;
pat each into 4 inch round on baking
sheet. Score each deeply into 4 quar-
ters; prick surface with fork. Bake
at 425° F. for 15 minutes. Success tip:
Handle this soft dough as little as
possible. They should be delicately
brown. Serve hot with marmalade.
—Marion Bentley.

Apple pudding

1 cup flour, 1 cup sugar, 1 egg, salt,
2 large cups diced apples, 1 tablespoon
goat butter, 1 teaspoon baking pow-
der, ½ cup goat milk, nutmeg to taste.
Butter baking dish with goat butter,
fill with sliced apples. Bake in me-
dium oven. Serve with goat cream
sauce.—Mrs. Henry Zehr.

GOAT CLUB

Doings



Organizations of dairy goat owners are invited to contribute newsworthy items from their meetings. Mere routine "reports" will not be published—the bare fact that "Mr. Smith talked on cheesemaking" is not helpful, but a resume of information in that talk will be of value to other owners.

Reports must be written on one side of sheet only; if typewritten they must be double-spaced, or if hand-written allow comparable space between lines, with ample margins; carbon copies will not be accepted. Copy for reports must reach Dairy Goat Journal not later than the first of the month for the following issue (May 1 for June issue and so on).

Coming Events

- July 4—Ohio Milk Goat Breeders Assn. Kid Show, Fair Grounds, Delaware, O. David James, chairman, Marysville, O.
- July 11—Cooperative Goat Products Assn. and California Goat Breeders Assn. Combined Kid Show, Chevronshire Goat Dairy, Valley Blvd., Puente, Calif.
- July 12—Oregon Dairy Goat Breeders Assn. kid show, Holladay Park, Portland, Oreg. Lena M. Collins, sec., Rt. 2 Box 69, Boring, Oreg. Robert Casebeer, judge. Potluck dinner at noon.
- July 16—North East Ohio Milk Goat Assn. kid show, Jefferson Fair Grounds, Mrs. Chester Norton, sec., Conneaut, O.
- July 18—New Jersey Milk Goat Assn. Buck Show, agricultural grounds, Rutgers University, New Brunswick, N. J. R. H. Zartman, chairman, Hollywood Ave., Caldwell, N. J.
- July 19—Olympic Peninsula Dairy Goat Assn. Doe Show, Bethel School House, Port Orchard, Wash. Barbecue at noon. Stella Linenko, sec., Rt. 3 Box 296, Port Orchard, Wash.
- July 26—Snohomish Co. Dairy Goat Assn. show, Marysville, Wash. Lucile J. Randall, sec., Alderwood Manor, Wash.
- July 30—Aug. 1—Goat show of the Delaware Valley Milk Goat Assn. at the Kimberton Fair, Kimberton, Pa. O. Stuart Thomson, Jr., pres., Box 15, Kimberton, Pa.
- Aug. 6—Presque Isle Dairy Goat Assn. Kid and Yearling Show, Bogdan's, S. Creek Rd., Girard, Pa. Mrs. Glenn J. Link, sec., 4203 West Ridge Rd., Erie, Pa.
- Aug. 14—23—Illinois State Fair goat show, Springfield, Ill. James E. Tays, gen. mgr., Springfield, Ill.
- Aug. 18—21—Catskill Dairy Goat Assn. show, with Delaware Co. Fair, Walton, N. Y.—Myra Smith, sec., Rt. 1, Sidney Center, N. Y.
- Aug. 18—22—Morris Co. Fair Goat Show, Troy Hills, N. J. Joseph Brinater, supt., 200 Bowden Rd., Cedar Grove, N. J.
- Aug. 19—23—Cuyahoga Co. Fair Goat Show Barea, O. Mrs. Galen Cooley, Rt. 1, Berea, O., sec.
- Sept. 3—7—San Fernando Valley Goat Society Annual Show, 51st District Fair, Northridge, Calif. Vernon Hill, supt.; Fred B. Knoop, judge.
- Sept. 5—Boone Co. Fair and Missouri Milk Goat Assn. Goat Show, Columbia, Mo.
- Sept. 9—13—Evergreen State Fair Goat Show, Monroe, Wash. Mrs. Fred C. Mundt, sec., Rt. 3, Snohomish, Wash.
- Sept. 13—20—Reading Fair Goat Show, Reading, Pa. C. W. Swoyer, sec., 522 Court St., Reading, Pa.
- Sept. 21—23—American Goat Society annual meeting, St. Louis, Mo. R. D. Wels, sec., Mena, Ark.
- Oct. 19—21—American Milk Goat Record Assn. annual meeting, Columbia, Mo. R. W. Soens, sec., Elyria, O.

What do you know that is coming up in the goat industry? Meetings of your association, shows, fairs or other dates of interest, should be listed under "Coming Events." A postcard is all that is necessary to send in such listings.

CLASSES RUN TO 10 DOES AT WESTERN CAROLINAS SHOW

At the Fourth Annual Show of the Western Carolinas Dairy Goat Assn., held May 23 at Tryon, N. C., 127 animals were ex-

hibited, and some classes ran as many as 10 does. Judging was by Allan L. Rogers, and exhibitors, all from North Carolina, were: Edmond Baumberger, Hendersonville; J. D. Damron, Columbus; David Hall, Columbus; Mrs. Earnest P. Hall, Jr., Columbus; Douglas Jones, Tryon; Mrs. David Lindsay Rutherfordford; Mrs. H. E. Lovelace, Shelby; Mr. and Mrs. M. L. Merrill, Mill Spring; Mr. and Mrs. P. S. Odom, Rutherfordford; Mr. and Mrs. Carl Sandburg, Flat Rock; Mrs. Jessie Shattuck, Columbus; Bert O. Skeen, Saluda; Mrs. Frank J. Vida, Hendersonville; Mrs. Sieglinde Wahler, Tryon.

There were 40 Nubians, with Chikaming Bonnie Lesley, owned by Sandburgs, winning grand champion, with Vida Thor Jasmine, owned by Vida, as junior champion.

Only 4 Saanens were shown, with Sandburgs' Chikaming Mynas Pamela winning junior champion.

Thirty Toggenburgs were shown. Lindsay's Chimney Rock Judy taking grand champion and Chimney Rock Magnus Adele, also owned by Lindsay, winning junior champion.

There were 31 grade does and 22 classified as "Alpine" shown.

Chimney Rock Judy won first prize for the best udder, with 14 does competing. —Mrs. Mason L. Merrill, Mill Spring, N. C.

SNOHOMISH CO. (Wash.) ASSN. PLANS FOR SHOW IN JULY

The Snohomish Co. (Wash.) Dairy Goat Assn. held its regular meeting on May 24, devoting the session to plans for their seventh annual show on July 26 at Marysville, Wash. Mrs. F. B. Monteith, Gibson's Landing, B. C., will judge.—Bonnie L. Dootson, Alderwood Manor, Wash.

SOUTHERN VERMONT ASSOCIATION BUYS PERMANENT HOME

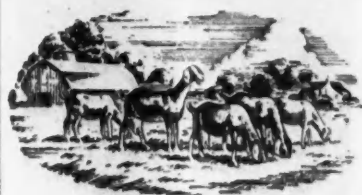
The Southern Vermont Dairy Goat Assn. has purchased the Knoll House on Rt. 9 in Marlboro as the permanent home for the association. It is located about a half-mile from the summit of Hogback Mountain, 14 miles from Brattleboro and 27 miles from Bennington. At an elevation of 2000 ft., the club house and grounds are a part of an area which is famous for skiing and summer tourists.

The main building has a large assembly room with native stone fireplace and pine paneled walls, a fully equipped kitchen and a small room for committee meetings. There is dormitory space on the second floor, and two cabins are available for the use of exhibitors at shows. Pens for shows are under construction, which were ready for use at the June 21 show. Adequate parking space is available, and many trees provide abundant shade.

The association was organized in October, 1946, and has grown steadily, now including many members from neighboring states. Its annual goat show was the largest in New England in 1952. A monthly letter to the members keeps them informed of activities.

It is believed that the Southern Vermont Dairy Goat Assn. is the only goat club in America owning its own location for meetings, shows and other activities. This was made possible by a generous gift from one of the members.

The April meeting was held at the home of Mr. and Mrs. Herbert Ogden, Windsor, Vt., at which time Donald Balch of the University of Vermont talked on Culling and Selection. William Stone, county agent for Windsor County, talked on mar-



For Sale

Established Goat Milk Dairy

Selling wholesale to distributor in Baltimore, Md., for 40c a quart, delivered in 5-gal. cans.

PROPERTY

Located 20 miles from Baltimore on State Highway. Includes beautiful old 7-room house, new concrete barn and Grade A Dairy house meeting Baltimore City Health Department requirements, for raw milk shipment, double garage, hard surfaced driveways, other outbuildings, shade trees, fruit trees, small fruits, lawn, etc., 6-acres well-manured land.

NUBIAN HERD

Consisting of 2 purebred bucks, 32 mature does (mostly purebred), averaging above 1500 lbs. per doe per year. More than half the herd will kid after June 1, thereby insuring a good fall and winter milk supply.

This herd is built on Horus Serape, Budletts Brutus and Malpas Ambassador lines.

EQUIPMENT

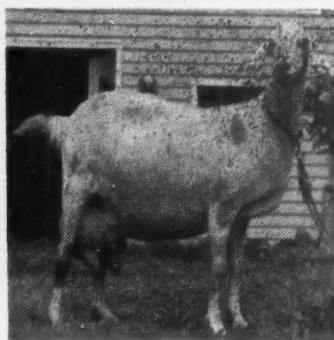
Dairy equipment, John Deere tractor, manure spreader, mower, hay rake, plow, cultivator, wagon, chicken feeders and small tools.

The market for goat milk in Baltimore is growing rapidly and there is opportunity here for almost unlimited expansion on a full-time basis.

Price, complete, \$27,500

Write

R. S. WATKINS, Realtor
Sykesville, Maryland



1932 • CAPE MAY NUBIANS • 1953
Offering choice buck and doe kids out of high-producing, long-lactation dams, milking 8 to 14 lbs. when fresh, some milking over 2 yrs. since last freshening. Every brood dam in the herd a blue ribbon doe.
• Buck kids are raised on reservation only.
• Please send detailed inquiries to

MRS. ELIZABETH BUCH
White Oak Rd., R.D. 1 Sandston, Va.

★ Sablemoor Quality NUBIANS

SUMMER AND FALL SPECIAL

- Week old and older doe and buck kids from young Sablemoor does of these famous lines:

JUDY PEARL AR: Highest Nubian lifetime record, 2829 lbs. milk.

ALRAKIM REBA SABINA AR: 3 Vermont records over 2000 lbs.

ALRAKIM JANICE BRITA AR: 3 Vermont records, 4 AR daughters.

SABLEMOOR PRETTY PENNY AR: 2 Vermont records over 1946 lbs. milk, over 100 lbs. fat.

Prices \$25 and up, at one week. Write for herd list.

Continuous DHIA testing. State Certified Bang's free.

NANCY WATSON, Putney, Vermont

Oak Den Nubians

At today's feed prices you can't afford any but the best stock. Our 1953 kids are tops for looks, and future production is assured by the best of breeding. Sired by HARLO of OAK DEN, grandson of Horus of Wheelbarrow Hill, out of our best does.

DORIS and DICK OGDEN

Sickeltown Road West Nyack, N. Y.

PLAINVIEW NUBIAN GOAT DAIRY

Elam S. Horst, owner, Bareville, Pa.

Home of Imported Budletts Mariner and Valley Park Hill Brutus Sandy—both at stud to approved does.

Kids for sale at live-and-let-live prices

MILK RECORD SHEETS



Simplified, convenient—
for 10 goats for 2 weeks,
or 1 goat for 20 weeks.
8½x11 in. 10c each; 5 for
25c; 50 for \$1, postpaid.
DAIRY GOAT JOURNAL
Columbia, Mo.

keting. At the May meeting, held at the home of Mrs. Gladys Gehlbach, Northfield, Mass., Dr. Stern of the University of Massachusetts spoke on Diseases of Goats and How to Recognize Symptoms. On May 31 members met at the new permanent home of the association to prepare for the annual show. Future monthly meetings will be held the third Sunday of each month.—Report by Helen Staver, pres., West Brattleboro, Vt.

CLEVELAND AREA ASSN. COMPLETES PLANS FOR ANNUAL KID SHOW

The May meeting of the Cleveland Area Milk Goat Breeders Assn. completed plans for the annual kid show, and Mrs. Margaret Cooley was named as alternate director to the Ohio Milk Goat Breeders Assn. The idea was also presented that subscriptions to Dairy Goat Journal be sent to veteran's hospitals in the area, as there may be some future dairy goat breeders among the patients.—Mrs. C. A. Boyer, sec.

FIRES ARE DISCUSSED AT MEETING OF OHIOANS

Don Long, assistant fire chief for Concord Township, spoke to the regular meeting of the Central Ohio Milk Goat Breeders Assn. held at the home of Mr. and Mrs. Lee Merrill, Delaware, O., discussing fire prevention in homes, on the farm and, especially, in the barns.

A planned demonstration of hoof trimming was called off because of the cold, windy day.—Mrs. Clark Higgins, sec.

MILK TASTING DEMONSTRATION AT TRI-COUNTY ASSN. MEETING

Each member of the Tri-County Milk Goat Breeders Assn. brought a sample pint of goat milk to the regular meeting of the association held at the home of Mr. and Mrs. O. B. Sheaves, Akron, O. Not knowing whose milk they were drinking there was a lot of comment on the different milk samples—but all agreed that every sample brought was very good milk.—Mrs. O. B. Sheaves, sec., Akron, O.

NORTH CENTRAL OHIO GROUP MEETS AT AMGRA OFFICE

The North Central Ohio Milk Goat Breeders Assn. held its regular meeting at the home of Mr. and Mrs. Robert Soens, Elyria, O. Mr. Soens, who is secretary of the American Milk Goat Record Assn., showed the AMGRA offices to those in attendance at the meeting, and demonstrated the operations of the office. During the first three months of operation Mr. Soens made more than 500 registrations and 350 transfers, besides entering Advanced Registry production figures.

The Piepenburgs, members of the society,

took their car with them for a 10-weeks tour of Europe as well as a good supply of motion picture film. They promise a travelogue of the goats of Europe upon their return.—Margaret Cooley, Berea, O.

FLY CONTROL IS SUBJECT OF SAANEN CLUB MEETING

Colored slides were used to present a program on fly control to the members of the Saanen Dairy Goat Club of California held May 13 at the home of Mr. and Mrs. Arthur Lampe.

Members who might have goat skins to donate were asked to do so for a Boy Scout Troop that wished to use them for making drum heads.

M. A. Maxwell, president of the Club, was suffering from a broken foot.

It was reported that in 1949 there were 49 Saanens earning Advanced Registry certificates, in 1950 these were 44, and in 1951 there were 15.—Mrs. H. A. Foote, sec., Tarzana, Calif.

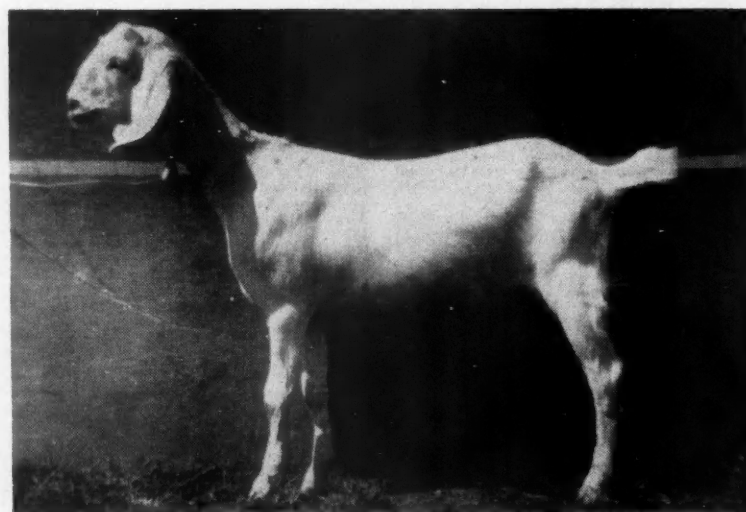
SAN FERNANDO SOCIETY HEARS OF GOATS FOR EGYPT

David Norcross of the Heifer Project, Inc., spoke to the last meeting of the San Fernando Valley Goat Society about the plans for sending 2200 dairy goats to Egypt. He told of past shipments of livestock and poultry to all parts of the world for relief and rehabilitation purposes. At this meeting Al Weber of the Los Angeles Co. Agricultural Extension Service spoke on the subject of fly control and feeding of goats.—Mary Gambee, sec., Reseda, Calif.

4-H CLUB NOW IN THIRD YEAR OF OPERATION

Eight members are well into their third year of 4-H club work with goats at Gig Harbor, Wash. There will be 25 goat projects this year, 16 of them being with purebred animals. The club has had at least one judging team at every fair in the county, and at two larger shows. Forty-five boys and girls had the opportunity of placing 4 classes under the direction of Charles Calkins of Portland, Oreg., at the sixth annual show of the Peninsula Dairy Goat Assn.

Last year Hans Quistorff, one of the club boys, made over \$200 in premiums at three fairs. A third year 4-H member, Hans now has 4 milkers on test—a Nubian, Dockie Q Fama has completed a record of 2317 lbs. milk and 133 lbs. fat in 350 days, and has twice been breed champion in large shows; his Saanen, Q Echo, produced 2346 lbs. milk and 85.8 lbs. fat in 324 days, as well as winning a championship at the Evergreen State Fair; the other two does have not completed their tests.—Mrs. Joy Quistorff, Gig Harbor, Wash.



Cyrano Kosie of Rancho Mesa, Nubian kid owned by E. B. Matheny, Chico, Calif. This kid was shown three times in 1952, winning junior champion at the Silver Dollar Fair in Chico, grand champion at the Northern California Kid Show at Auburn, and first prize at the California State Fair.

Classified ADS

Breeders' Rates: 7c a word for single insertion; 6 consecutive insertions of same ad, ordered in advance, for the price of 5; 12 such insertions at cost of 6. Minimum \$1 an insertion. Count all initials, numbers and abbreviations as words.

Commercial Rates: 10c a word, minimum 20 words, same discounts as above.

Copy for classified ad must reach Dairy Goat Journal before the 5th of the month preceding date of publication (April 5th for May issue, and so on). If possible send ads earlier so that you may receive acknowledgments for possible correction before that date. Ads arriving after closing date appear in next available issue.

References: All new advertisers must furnish at least one bank and one business reference—ads will not be published until such references are thoroughly checked (you will save time by submitting written statements from references with your ad order).

Cash in full must accompany order. If you are not certain as to the cost of your ad, write it out and send it to Dairy Goat Journal, and we will bill you for it in advance.

1953	JULY							1953
SUN	MON	TUE	WED	THUR	FRI	SAT		
			1	2	3	4		
5	6	7	8	9	10	11		
12	13	14	15	16	17	18		
19	20	21	22	23	24	25		
26	27	28	29	30	31			

Remember July 6—the last day for your advertisement to reach Dairy Goat Journal for insertion in the August issue.

AT STUD

NUBIANS

HARLO OF OAK DEN, by Chanel of Scotchman's Folly; out of Heidi of Oak Den, daughter of Horus of Wheelbarrow Hill. R. E. Ogden, Sickeltown Rd., West Nyack, N.Y.

SCOTCHMAN'S FOLLY SLEET, by Chanel of Scotchman's Folly, out of Nibbles of Red Barn. C. E. Leach, Columbia, Mo.

SAANENS

SONNY BOY of Laurelwood Acres, former junior herd sire for Laurelwood Dairy, Chatsworth, Calif. Dam and 2 sisters qualified for Advanced Registry. Send for pedigree. Fee \$15. Dot Rogers, Caprice Farm, Burtonsville, Md.

FRENCH ALPINES

TWO DOES, 2½ years old, daughters of Pierre Del-Norte. One 2½ year old buck, son of Pierre Del-Norte. Del-Norte buck and doe kids, registered in your name; all of them best type animals. R. L. Stallings, Box 1069, New Bern, N.C.

FRENCH ALPINES only. A sure profitable buy. Star herd sire and does. Kid reservations accepted. None better in breeding or production. Dameway Dairy Goat Farm, Chattanooga 3, Tenn.

LINWOOD Orchard French Alpines: 5 bred does, 2 yearling does, 3-year-old herd sire—grandson of Pierre Del-Norte. W. W. Parker, Rt. 4, Box 63, Stevens Point, Wis.

IF IN NEED of a fine young French Alpine buck please write, as we might have to offer just what you need and would like to get. F. W. Meyer, Long Lake, Minn.

REGISTERED doe to freshen July; 12 to 13 lbs., milking 3 lbs. in 15th month. Twin buck kids by the great Detson Jr. A. C. Boyd, Randallstown, Md.

HERD REDUCTION sale. Registered, purebred French Alpines. Tomona Ranch, 908 N. 40th Ave., Phoenix, Ariz.

BREEDERS: Safeguard your customer—register in American Goat Society, Mena, Ark., for proof of pure breeding.

REGISTERED French Alpines. Yearling buck \$25; does \$50. Newman's Ranch, Box 71, Roanoke, Tex.

FIRST GRADE, excellent milkers, sire, kids. LeBaron Sharp, Star Rt., Box 170, Mariposa, Calif.

NUBIANS

APEX NUBIANS: Apex King's Joel, dark iron grey, hornless; sire, Apex Brutus King; dam, Oakwood Jean, a 5-qt doe. Apex King's Vern, brown, black trim, frosty ears, disbudded; sire, Apex Brutus King; dam, Oakwood Chancellor's Vickie, a 5-qt. doe. Both of these bucks were born the spring of 1951. Both have excellent type, average size, in good condition; get fine husky kids. Too closely related to my flock for much further service, as I have sold some of the older does not related. Write for prices and pictures. H. M. Butler, Lewis, Kans.

TWIN CEDARS offers for sale 2-year-old star buck, bred by Knoops. This large and extraordinarily handsome fellow has pedigree almost entirely AR sires and dams. Absolutely reliable breeder year-round. Hornless, black, silver ears. Ship anywhere. Mrs. Walton Hayse, Richview, Ill.

APEX NUBIANS: A beautiful, dark fawn colored buck, born Mar. 15, 1953; disbudded; Brutus and Oakwood breeding. Beautiful black buck, hornless, born May 3, 1953; Brutus and Oakwood breeding. One black and one brown doe born Mar. 26, 1953; Brutus, Chikaming and Oakwood breeding. Write for pictures and prices. H. M. Butler, Lewis, Kans.

BREEDERS of top quality Nubian stock. Mountainbrook Budd, great, prepotent son of Theydon Viceroy, at stud. Budd kids sold by reservation. Some mature stock usually available. H. L. Showalter, Jr., Swamp Fox Farm, Chambersburg, Pa. Tel. Marion 15.

SACRIFICE: Three Nubians, superior quality, registered both organizations. Buck, Mountainbrook Nod, large, red; sire, imp. Berkham Jenkins. Black doe, 4 years, Riverlane Onyx, -bred. Also her 7-months doe kid. First \$145 buys them. G. Palmer, Rt. 2, Box 57, Miamisburg, O.

FOR SALE: Twin purebred doe kids; Chikaming and Jelinski bloodlines. Dam is very good producer. Write for full particulars, pedigree and pictures. Martha A. Harbison, Rt. 5, Crest Drive, East St. Louis, Ill.

OFFSPRING of 3 does: Katrein's Charmain, 4248 lbs.; Katrein's Lorelie, 3425 lbs. Myra del Valle, who is Charmain's dam and Lorelie's grandam. Alfred Jelinski, 13651 Dronfield, San Fernando, Calif.

FOR SALE: Apex Victor's Gothic N109606, Dolly's Happy Hill Petty N100731 AMGRA, and their doe kids. \$125 takes the lot. No shipping. W. K. Strode, Blair, Nebr.

CAN YOU SUPPLY THIS REQUEST?

"Are there any purebred herds in this part of the country that will sell me some stock?"—Mrs. Esther R. Shivers, Goshen Co., Wyo.

Then with your advertisement appearing each month in Dairy Goat Journal you will find hundreds of buyers like this looking in the ads to buy dairy goats from you.

Lactation Saanens

OFFERS: Milking doe from best bloodlines. Sired by AR herd sire, *B Dona's Lad of Wasatch 126, and Charmaine of Wasatch AR 1882, 3 yrs. old.

Three hornless buck kids, all sired by *B Lactation Messenger, sired by Imported Mostyn Messenger, and out of Cameo of Wasatch AR 1884, 8 qt. and better doe.

March kid, daughter of Dona's Lad.

Later kids from daughter of Imported Thundersley Petrol.

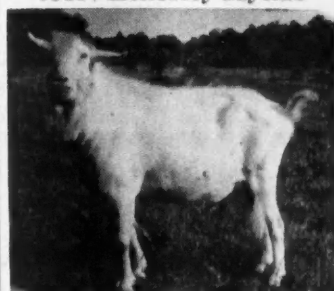
Write for latest sales list. Prices are delivered to your door by car at no increase.

W. L. AUGHENBAUGH

Box CJ Kenney Illinois

IMPORTED

\$\$\$43+ Etherley Mynas



Make your next herd sire a MYNAS son.

Some fine buck kids and a few doe kids sired by this famous Saanen male. Send for your copy of our sales list.

ALLAN ROGERS

Caprice Farm Burtonsville, Md.

Greenleaf Saanens

GOOD UDDERS - LONG LACTATION

On Official Test

Reserve your 1953 kids now from Four and Five Star milkers

H. A. FOOTE

18404 Collins St. Tarzana, Calif.

BEECH HILL SAANENS

Hardy, Maine-grown stock

with

LONG LACTATIONS

—Booking 1953 kids—

MRS. C. M. STANFORD, Wayne, Maine

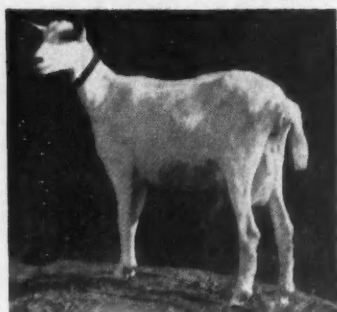
GOAT KEEPING for AMATEURS

• By H. S. Holmes Pegler

A hundred pages, and every page crammed with helpful tips and a dozen illustrated, showing many helpful devices to simplify goatkeeping. Here the great English authority, in his last book summarizes the information of his years of experience. \$1.00 postpaid.

DAIRY GOAT JOURNAL, Columbia, Mo.

You Just Know She is a Messenger Daughter



PINCKNEY FARM'S SAANENS
Carmel, New York



Pebblehaven Saanens

Purebred, registered
stock of the best im-
ported bloodlines.

Order now for
1954 kids

Perkiomenville, Rt. 1, Pa.

THREE BEES FARM TOGGENBURGS

At Stud:

CHIKAMING *B BEAU LEON

and

SUNSET HOLLOW PAUL

ELIZABETH & JOHN COWLES
MERIDEN, NEW HAMPSHIRE

Yalaha Toggenburgs

A few kids by *B Chikaming Boliver
Trump (son of 6*M Jalna), some out of
* and ** dams.

DONALD E. BENNETT

Rt. 2 Box 170 Fairfax, Va.
Phone Wash., D. C., JE2-8113

LAKE-LAND FARM

Toggenburgs and French Alpines.
French Alpine kids, both sexes. Few
Toggenburg kids, both sexes. Mature
buck from AR dam. All from high pro-
ducers; registered stock.

Frank A. Long Rt. 3 Box 503A
Texarkana, Tex.

HELM'S

Dehydrated goat milk, 1 lb. ----- \$2.50
Box 75 goat milk capsules ----- 1.00
4 oz. All-Purpose Cream ----- 1.00

Postpaid. 20% discount when pur-
chased by the dozen. New address—
HELM GOAT MILK PRODUCTS
148 Vista Dr. Jackson, Mich.

Q HERD dispersal: Yearling son \$65; 6-
months brother \$35; of many times cham-
pion Dokle (pictured June issue), 2481 lbs.
milk, 143.3 fat, second freshening. Gig
Harbor, Wash.

REGISTERED BUCKS; occasionally does.
No culls. Chikaming, Oakwood, Sunnyslope.
Reasonable. Mrs. James Alexandres, Rt. 4,
Mason City, Ia.

ANCHOR LANTERN FARM. Registered
Nubians, superior milkers. Hardy, large
Farmers' prices. Francis Gott, Pemaquid,
Me.

KITMAR NUBIANS. Spring kids from
Chikaming and Brutus bloodlines. Mrs.
James Pike, Central Ave., Cedar Brook,
N. J.

FOR SALE: Purebred, registered Nubi-
an buck and doe kids; from the best
bloodlines. Dr. J. H. Cain, P. O. Box 494,
Fairfax, Okla.

BEAUTIFUL purebred Nubian buck, 2
years old, and papers. Gentle, hornless.
From Clark's Yankee Jeep. \$65. Jerry
River, Rt. 1, Box 48, Orange, Tex.

ROCK HAVEN Nubians. Sons and daugh-
ters of 4- and 5-qt. does and a few milking
does for sale. Come see them, or write. C.
F. Bohn, Hayden, Mo.

RESERVE a young Caddo buck sired by
son of imported Brutus for your next
herd sire. Ray and Liberty Purcell, Caddo
Nubians, West Monroe, La.

SHIRLOSS Nubians offers 3 buck kids
from high-producing dams; Chikaming,
Brutus bloodlines. Mrs. Vern Bailey, Ar-
lington, Ind.

ELM HILLS NUBIANS offers milking
does, 1953 kids, Brutus bloodlines ex-
clusively. James Morrison, 632 N. Elm, Web-
ster Groves, Mo.

BEGINNERS: If you buy purebreds, be
sure they are registered in American Goat
Society, Mena, Ark.

NUBIANS: Registered bucks, does, fea-
turing type and production. (No Sundays.)
Halls Fair Acres, Granada, Minn.

RED NUBIANS: Buck, 2 does; purebred;
excellent bloodlines. No shipping. Dora
Winter, Perry, O.

DOES, BUCKS; yearlings, kids. Fine
stock, reasonable. Awake Herd, 1207 Sude-
cum Bldg., Nashville, Tenn.

Q HERD offers sons and brothers of
champions, \$25 up. Rt. 1, Gig Harbor,
Wash.

CHANUBIAN HERD offering sons and
daughters of Bay State Bojangles Andree
N100375. Mrs. C. W. Channel, Arcadia, Fla.

BUCKS, star studded, AR pedigrees,
\$35. Mrs. James Alexandres, Rt. 4, Mason
City, Ia.

NUBIAN: Son of Berkham Jenkins, 3
years old. Will sell or trade for Toggen-
burg doe. Thomas Reese, Rt. 1, Dawson, Pa.

FOUR DOE kids from registered stock.
Cloverlea bloodlines. Cecil G. Estes, Rt.
1, Box 27, Crimora, Va.

ROCK ALPINES

BUCK AND DOE KIDS from high-pro-
ducing AMGRA-tested dams. Young kids
taken at the farm specially priced. Hickory
Hill Goat Farm, Rt. 2, Paterson, N. J.

SAANENS

WANTED: Reliable, experienced party
interested in taking over The Echo Herd
of Registered Saanens on share basis or
will sell reasonably. Leaving state; must
dispose of herd by July 1. Herd located 5
miles south, 9 miles east Quincy, Wash.
H. L. Picking, Quincy, Wash.

REGISTERED, purebred Saanens and
kids. Long lactation, up to 3167.1 lbs. in
365 days. Each mature doe has taken
grand champion ribbon; each under dif-
ferent judge. Eugene Bond, 2037 Palisade,
Wichita, Kans.

STONE GATE FARM offers 2 Saanen
buck kids, born Mar. 22, out of Mitchell's
Linda Queen AR 254, at Lactation Laddie
Boy whose 15 nearest ancestors are all in
AR. John Robinson, Rt. 4, Box 359, Val-
paraiso, Ind.

HORN OF PLENTY Saanens offers pure-
bred, registered, hornless buck kids; from
high-producing, long-milking stock. Finest
breeding. Sire, Senruti Moonlarch, Endy-
mion's Sunny, Three months; \$25. Thomas
Hederman, North Wilbraham, Mass.

BLLENHEIM Saanens. Purebred kids,
grandsons and granddaughters of Snow-
flake Bradmante Lad. Prices reasonable.
Peter Cobb, Rt. 1, Havre de Grace, Md.

SAANENS FOR SALE: Supreme blood-
lines. Registered does, kids, bucks; reason-
able. Lillian Hartigan, North Hampton,
N.H.

REGISTERED Saanen yearling does to
freshen this fall. Also 1953 buck and doe
kids. Two States Goat Farm, Rt. 4, Box 918,
Texarkana, Ark.

SAANEN OWNERS: American Goat So-
ciety registry certificates are proof of pure
breeding. Address, Secretary Weis, Mena,
Ark.

REGISTERED Saanen does, buck kids
and 6 good grade does; good milkers, ex-
cellent breeding stock. Leonard A. Merritt,
Rogers, Minn.

QUAKER HILL Saanens. Registered,
purebreds for sale. Stud service. Mrs. Ruth
Peckham, Portsmouth, R. I.

GRADE SAANEN milkers: healthy, long
lactation, reasonable. A. E. Jameson, Rt.
1, Rhineland, Wis.

GOOD MILKERS and some very good.
Also herd sire and kids. Purebreds only.
Helvetia Herd, Chester, N. Y.

Q HERD offers sons and brothers of
champions, \$25 up. Rt. 1, Gig Harbor,
Wash.

REGISTERED, proved 4-year-old buck,
priced to sell. Fresh does and doelings.
Dr. Frank W. Shaffer, Salina, Kans.

MEADOWSWEET buck kids. Purina-and-
milk fed. We don't blow, we don't blow, we
produce. Milo Long, Rt. 8, Columbus, Ind.

FOURACRE does and 1953 kids. Dale
Frederickson, Bremen, Ind.

FIVE 2-year-old grade Saanen does, \$25
each. S. R. Osment, Hulbert, Okla.

CAN YOU SUPPLY THIS REQUEST?

"I want to buy some goats.
Where can I buy some good ones?"
—Stacy Smith, Harlan Co., Ky.

Then with your advertisement appearing
each month in Dairy Goat Journal you
will find hundreds of buyers like
this looking in the ads to buy
dairy goats from you.

TOGGENBURGS

FOR SALE: Five purebred Toggenburg
milking does, daughter and granddaughters
of Stanton's Jewel, by star buck Chika-
ming strain, and registered buck from AR
strain. Will sell entire herd in order to
concentrate on new business just starting
here. Harold D. Smith, Nauvoo, Ill.

PUREBRED, registered Toggenburg
hornless buck kids, born April 20. Sire,
star buck Chikaming Baron Boris T9271.
High production; strong Chikaming blood.
Harry Beilke, 901 East Ridgeway Ave.,
Waterloo, Iowa.

YEARLING DOES, buck and doe kids;
eligible for registry. Three-year-old proved
sire, registered; in excellent condition.
Gerald G. Wellman, Rt. 5, Box 585, Battle
Creek, Mich.

PUREBRED Toggenburg does and bucks.
Yearlings down to 1953 kids. Does freshen-
ing through July. Prices reduced. You raise
'em. Several milkers selling with kids.
Croy's Creek Goat Farm, Brazil, Ind.

TOGGENBURG PICTURE: Printed in full
color on high quality paper. Size 6x9. Suit-
able for framing. 25¢ postpaid. Dairy Goat
Journal, Columbia, Mo.

TOGGENBURG, hornless buck, 3 years
old. La Suisse—Lake-Land breeding. First
\$35 takes him. J. B. Gentry, Marthaville,
La.

TOGGENBURG buck kids, Chikaming
and Fink bloodlines, from AR dam; will
register. Large size, good markings, pure-
bred. L. E. Stanger, Rt. 1, Newtown, Pa.

STAR BUCK KID from grand champion,
Advanced Registry doe. Splendid pedigree,
reasonable. Harvey Considine, Rt. 3, Port-
age, Wis.

SHOW-WINNING Toggenburgs. All ages.
Tell us your needs. Merrill Lemmon, James-
ville, N. Y. Syracuse phone.

TX DAIRY GOAT RANCH. Offering purebred Toggenburgs exclusively. Stud bucks. Dr. Wolf, Carthage, Mo.

WRITE American Goat Society, Mena, Ark., for help with your registry problems. It will pay you.

YEAR-OLD and buck kid. Best breeding. Sacrifice. Rev. O. W. Aderholdt, Salisbury, N. C.

TOGGENBURGS, all registered and hornless: Yearling buck, fall fresh does, doe kids and buck kids. Karl Brandt, Anna, O.

TOGGENBURGS, Registered and grade. All ages. C. McCown, Froid, Mont.

SEVERAL BREEDS

CITY ORDINANCE forces reduction in number of goats. Key City Mal Junior AMGRA N106694, registered Nubian buck, 15 months old, sired by R. L. Osborn's Malpas Melbex. Two registered Nubian does, high-grade milkers; each has 2 kids sired by Key City Mal Junior. Two registered French Alpine does, 1 with doe kid 3 months. Will register kids in your name. Live and let live prices. All correspondence will be answered. J. P. Tolland, Box 1283, 502 E. Connell St., Breckenridge, Tex.

RIDGEVIEW ACRES offers best quality purebred and grade French Alpine and Nubian does, bred for Aug. and Sept. freshening. Few purebred kids. Registered black Nubian buck, gentle, very reasonable. Thelma Helmick, Berrien Springs, Mich.

MUST REDUCE herd: Purebred Nubians also Rock Alpine Nubian crossbreds. Milkers, yearlings and doe kids; reasonable. No shipping. Mrs. Elza Putnam, Rt. 1, 3649 Tyrell Rd., Owosso, Mich. Phone Perry 96111.

PUREBRED Saanen buck, Moonlarch's Peter; grandson of imported Moonlarch Endymion; \$75. Four Toggenburg does, good milkers, \$25 up. Paul Holets, Rt. 2, Forest Lake, Minn.

AT STUD: Silver Onyx of Suwanee River Dairy N-10912, Nubian; fee \$10. His kids, \$15 up; from 6-qt., long lactation dams. Also Toggenburg, French Alpine. Rt. 4, Box 313, Live Oak, Fla.

REGISTERED, purebred Saanens, Toggenburgs, Nubians, Alpines. Bucks, does, 1933 kids. Choice stock. Reasonable prices. Louis L. Gakle, Rt. 1, Ontario, Calif.

SAANEN and Toggenburg does, 2 years and older. Excellent milking strain. Freshen through April. No shipping. Margaret B. May, Rt. 1, Lafayette, Ind.

GRADE DOES and yearlings. All milking now. James F. Pike, Central Ave., Cedar Brook, N. J.

DAIRY GOATS for sale. Yearlings and spring kids, both bucks and does. Mrs. Gerald Nelson, Rt. 1, Bloomer, Wis.

YOUR BARGAIN HERD 18 doelings. Maximum value; minimum price. Myrtle Gibbs, Hardy, Ark.

SAANEN KIDS, due May and June. Also few Nubians. Order early, Chippewa Herd, Elm Grove, W. Va.

RABBITS

RABBITS—Pleasure and profit by including domestic rabbit raising in your operation. Constant source of meat and fur. Learn about it in The National Rabbit Raiser Magazine. \$1 per year. Send for sample copy. Bellflower, Calif.

WANTED

WANTED: Old copies of The Goat World for Jan. 1924, Oct. 1925, Nov. 1929; all of Volume I and all of Volume VI. Dairy Goat Journal, Columbia, Mo.

GOAT SUPPLIES

GOATS WORMY? Try Edgill Farms Goat Formula W. No starving, no drenching. Teaspoonful in the feed once each week. \$1 quarter lb.; \$3 lb. Fred B. Keifer, Marshall, Ill.

METAL KICKER, plus wood training gadget, both postpaid, \$2.50. Correct foot-lifting in nervous milker. Turner Mfg. Co., Corning, Iowa.

STOP teat-sucking. Apply harmless, effective No-Teat-Suk. Guaranteed. Send \$1 for ounce bottle. Sanident Company, Room 500, 108 W. Lake St., Chicago 1, Ill.

GOAT BREEDERS SOCIETIES

CENTRAL NEW YORK Dairy Goat Society members offer stock for sale, all breeds. Write for list. Membership \$1 per year. Mrs. Robert L. Harris, sec., Fabius, N. Y.

BREEDERS DIRECTORY Kansas Dairy Goat Society. Dr. Frank W. Shaffer, sec., Rt. 3, Salina, Kans.

DOGS

RUNNING GOAT RANCH offers boxers raised by, for and with registered French Alpine milking show stock. Cleona Williams, Vashon, Wash.

MISCELLANEOUS LIVESTOCK

CHINCHILLA, fur of the future. Start with the best. Selling ribbon winners; pair \$1,200 to \$1,500; males \$1,000 and up. Grand River Chinchilla Ranch, Rt. 1, Wixom, Mich.

CAN YOU SUPPLY THIS REQUEST?

"Can you tell me of any goat breeders not too far from Scranton where I can buy goats?"—Walter Oakes, Lackawanna Co., Pa.

Then with your advertisement appearing each month in Dairy Goat Journal you will find hundreds of buyers like this looking in the ads to buy dairy goats from you.

GOAT DAIRIES FOR SALE

REAL opportunity to buy working interest or complete dairy: 60 goats; milking, bottling, pasteurizing equipment; going business. All for \$3,500. Box R, % Dairy Goat Journal, Columbia, Mo.

SEEDS AND NURSERY STOCK

KING RANCH Bluestem and the new Buffel Grass. Immediate delivery to your station. Guy Hutchinson, Uvalde, Texas.

TANNING

PLEASE do not send us kidskins or goatskins. We can now handle deerskins only. C. K. Wood Factory, K-DG, Johnstown, N. Y.

BOOKS AND MAGAZINES

BACK COPIES of Dairy Goat Journal: Old issues, not full files, not necessarily consecutive issues, but just a miscellaneous group. While they last we offer a miscellaneous package (our selection) of 10 copies for \$1 postpaid. Dairy Goat Journal, Columbia, Mo.

MAKE \$5000 a year on 5 acres. The new book Security Acres tells how. Experiences of people that made a good living on a city lot, and \$5000 on 5 acres. Get this information today. Book, prepaid, for only \$1.75. Grose, Box 699, Lodi, Calif.

MISCELLANEOUS

SINUS TROUBLE, hayfever. I suffered with sinusitis for 30 years; found relief with herbs. No drugs; gobs and gobs of mucus will discharge after use. Send for folder. Mrs. Grose, Box 699, Lodi, Calif.

STAINLESS STEEL sauce pans, 2 qts., \$7.50; 3qt., \$8.50. Six-qt. dutch oven, \$14.50. Pressure cookers, pails, skillets, bowls. Major Company, 226 Durant, Springfield, Mass.



Make the RIGHT Turn

When established breeders want to improve their herds they turn to the advertisers in Dairy Goat Journal to see what is available and where to buy it. . . . Dairy men needing increased milk production turn to Dairy Goat Journal to see where they can buy additional stock. . . . Novices starting in turn to the advertising in Dairy Goat Journal to make their purchases. . . . In fact, nearly everyone wanting to buy anything in the dairy goat line depends upon Dairy Goat Journal advertising.

READ THE SIGNS

You can head for this good business with your ad in each issue of Dairy Goat Journal . . . and each month the growing circulation of Dairy Goat Journal brings you more and more of these sales.

Economical Road to Profits

It costs so little, too—a guarantee of more than 15,000 circulation means that it costs you but a tiny sum to reach each reader, far less than the postage to send a letter or circular. And there are liberal discounts for space and for consecutive insertions under the special breeders rate. Look at the savings for you . . .

Breeder's Display Advertising	
Full page (30 in.)	\$70
Half page (15 in.)	40
Third page (10 in.)	30
Sixth page (5 in.)	15
Tenth page (3 in.)	9
Fifteenth page (2 in.)	6
Thirtieth page (1 in.)	4

EXTRA SAVINGS for contract advertising: 10% discount for 6-month contract; 20% discount for 12-month contract. Cash with order—otherwise ads earn commercial advertising rate. All ads on even inches only.

FREE ILLUSTRATIONS—No additional charge for making halftone cuts from advertiser's photos for use in ads. Cuts furnished one column in width or more as required.

Start profits your way now—with your advertising starting in the very next issue!

DAIRY GOAT JOURNAL
Columbia, Mo.

CHIKAMING HERD

(On continuous official test for 16 years)

Booking orders for 1953 buck and doe
kids from top quality breeding stock.

Toggenburg • Nubian • Saanen

Also a few yearling and mature does
for sale.

MRS. CARL SANDBURG

Flat Rock, North Carolina

KONGELIG HERD

on continuous official test

FRENCH ALPINE

SAANEN

NUBIAN

TOGGENBURG

FOR SALE

A few AR does, star bucks, and kids
from high producing AR does.

MRS. REJSENDE AANDRIG

MR. & MRS. ANDERS VAN TAUBER

North Military Drive
Rt. 11 Box 536

San Antonio, Tex.

You Have Never Tasted

CHEESE

Like This!

White Goat Cheese

7-8 lb. loaves at \$8

Half-loaf, \$4.50—both postpaid.

Also available: Fine Danish
Cheeses made from cow's milk,
with or without caraway seeds.

7 lb. loaf—\$5 postpaid.

Send check or money order to
DANISH BANQUET CHEESE CO.
Nisqually, Wash.

Brown's

POWDERED GOAT MILK

1 lb. tin makes 5 qts., \$2. One case, 24
lbs., \$36. Shipments prepaid in USA.

BROWN GOAT FARM
Menomonie, Wis.

CONCLUSIONS

BY C. E. LEACH

I recently commented in this column that our draft system is not far removed from slavery as defined by Webster. I note in a recent bulletin that doctors and dentists are offered \$100 per month extra pay and a rank not lower than first lieutenant provided they volunteer before their induction date. If they do not volunteer they are then drafted, even beyond the age of 26, and put in as privates and are not used in their professional capacity—one doctor was placed in a first aid class! On second thought, that is better than doing something for which he was wholly unfitted. The above mentioned tactics may not be slavery, they may not be intended as coercion but they are a long way from "liberty and the pursuit of happiness" as guaranteed by our constitution.

—CONCLUSIONS—

The War Cry for April 18, published by the Salvation Army, Inc., 719 N. State St., Chicago 10, Ill., has a story entitled "The Old Maid" in which it speaks of the old maid as keeping a "smelly old goat." It is possible she did have a buck and kept him in insanitary conditions and surroundings, but the impression is that the writer looks upon all goats as "smelly." It might be beneficial to the industry if our subscribers will write and suggest that the writer as well as the publishers read their Bibles wherein they refer to goats and goat milk.

—CONCLUSIONS—

I really marvel at the good sportsmanship of exhibitors of goats at the fairs. I know how hard it is to see a doe that you know so well and know what she does in production, both kids and milk, moved down and down to be replaced by some that you feel sure are not equal to yours, and when it is all over to shake hands with the judge and compliment him on his efforts. But don't think for a moment that a conscientious judge does not often wish there were a way to give two or more firsts.

—CONCLUSIONS—

Merrill Lemmon, Jamesville, N. Y., writes, "This matter of overenthusiasm among goat owners has just about reached the point where 'the first liar doesn't have a chance' and is really hurting the industry by making present goat owners cynical and distrustful of their colleagues, and confusing the newcomers. I have had inquiries from my ad in Dairy Goat Journal asking for prices on 8 qt. milkers. One of them even asked for an 8 qt., 2-year-old doe, and demanded that my answer be notarized." Anyone who would sell a 2-year-old, 8 qt. milker should not only have to notarize his statement but he should have his head examined unless he is getting many, many times the price for her of any prices we have heard quoted on any other does.

—CONCLUSIONS—

"Due to the growth of civilization we are forced to reduce our herd of goats to the minimum," writes a subscriber. Is that actually an outgrowth of civilization or just an increase in population? True civilization should encourage the doing of those things which promote health and happiness.

—CONCLUSIONS—

If it is true that cow milk can be tainted by the cow smelling onions is it not reasonable to presume that goat milk might become tainted by the doe's inhaling buck odors or even the odors from an unclean barn?

—CONCLUSIONS—

Worry is the interest paid on trouble before it becomes due.

—CONCLUSIONS—

Earning money is probably less difficult than to spend wisely the money you earn. Economy, properly balanced, becomes a pleasure, a far greater pleasure than ruthless spending.

—CONCLUSIONS—

A circular, anonymously sent, came to the office which had a heading Raw Milk Can Kill You. There is a milk bottle with crossbones and skull. Also a warning "Avoid it (undulant fever) by refusing all milk that hasn't been pasteurized." The irony in it is the fact that it was written by Lieut. Comdr. Harold J. Harris, USNR (MC). With such a title one may assume that Lieut. Comdr. Harris is well trained in the art of killing young men, or at least in directing young men to kill other young men, but he is afraid of "raw milk."

I am willing to assume that one can get undulant fever from natural milk. However, it is my conviction that more lives are saved by drinking natural goat milk than have ever been lost by not pasteurizing it. I've asked many goat milk dairymen who pasteurize their milk for market, what milk they use in the home and I believe I have yet to hear the first one to say he uses pasteurized milk for the family. One large dairyman said, "I can't sell my milk if it is not pasteurized"—and the thought came to me "selling the babies down the river for a few paltry dollars." I know one successful dairyman who refused to pasteurize and has sold natural milk for many years. He sells on doctor's prescription only.

I would like to ask "Is it impossible to get undulant fever from pasteurized milk?"

—CONCLUSIONS—

Mrs. Helen S. Bailey, West Chester, Pa., says, "In regard to an item in Conclusions we almost qualify for the man wanting a doe under 2 yrs. giving 6 qts. Sunset Hollow Sarah II, born May 1950, was giving 10 lbs. in May '52 but went to 12.6 lbs. in June." I did not intend to infer that there are no 6-qt. milkers at 2 years of age, but how many such does are for sale?



Use Your Goat Milk Cut living costs and improve health

GOAT MILK and the products of the goat can be the backbone of your living! Here are four valuable booklets that help you use (and sell, if you wish) your goat milk.

GOAT PRODUCTS COOK BOOK
Selected recipes—nearly 100 of them—for using goat milk and goat products. Soups, chevon, salads, vegetables, breads, cakes, cookies, pie, desserts, ice cream, drinks, and so on. 25c postpaid.

BUTTER FROM GOAT MILK
Tired of "oley" and butter too expensive? Owners of but a single goat can make butter from occasional spare milk. Large owners can always have butter. Dairymen can make a profitable business by using surplus milk for butter. This booklet tells how. 25c postpaid.

BUTCHERING, CHEVON AND HIDES
The best meat on your table can come from your goats! This illustrated booklet tells you how to butcher, how to cut up the carcass and prepare it for use. Also how to care for the hides. 25c postpaid.

HOME CHEESEMAKING
The world's finest cheeses are made of goat milk. You can do it at home with these simple recipes; equally suitable for small scale commercial production. 25c postpaid.

DAIRY GOAT JOURNAL
Columbia, Missouri

FREE

You are invited
to tell more people about

GOAT MILK

Here is a circular that tells what people who have used goat milk have to say about it—and what physicians say who recommend goat milk. The title is, "You Are Invited to See What Goat Milk Can Do." It is a powerful sales talk to tell the public about the benefits of goat milk.

They are FREE to you—all we ask is that you pay the mailing costs at the rate of 25c per 100 (or less) and that you see the copies you receive are distributed where they will do the most good! And, of course, we hope you will recommend Dairy Goat Journal at the same time.

Write today for copies—be sure you specify the number you feel you can actually use to advantage, and enclose mailing cost.

DAIRY GOAT JOURNAL
Columbia, Missouri

How low can men get? I have before me an appeal for advertising space to induce women into the armed service. It is almost unthinkable that men of education and ability to think will engage in war at all. The war machines continue to encroach upon human freedom. Our young men no longer have control over their lives and the present "sugar-coated" pleas for women to get into the armed services is only a stepping stone to a draft of all girls. If you will be honest in your thinking you will realize where the morals of your young people will fall to.

I assume that a very large per cent of our readers do some religious thinking. Many have their names on the church roll. To those I appeal: Ask yourselves, "What would Christ do?" Parents, are you willing to have your daughters trained under military ethics? I think it is conceded that the young men in service are expected to indulge in immoral and illegal sex relations while in service. It follows as surely as day follows night that with women drafted the immoral situation will increase by leaps and bounds. Let us, before 'tis too late, throw all our forces against an all out let down of moral principles and living.

—CONCLUSIONS—

A subscriber wrote that he is getting 11 qts. of milk per day from his 9 does and felt he was getting a good start in a dairy. While it is refreshing to find one who is not unhappy unless he has 6- and 8-qt. producers, I doubt if a dairy can break even with only a little over a quart of milk per day per doe. Even if it should show a profit, the real profit, the easier profit is in whatever the does can be made to produce above the present production, and it is not too difficult to get 3-qt. milkers.

—CONCLUSIONS—

Help! More information on sex control wanted. Out of 12 kids I got 3 does. One doe, first kidding, brought 3 bucks and 1 doe.

—CONCLUSIONS—

Are you making your fair plans? What are you going to do more than to place your goats in stockades, take them into the show ring, hang up your ribbons, collect your awards, pay your bills and go home?

Charles Sparhawk, Sparkill, N. Y., wrote, "At various fairs where my wife exhibited goats she found many persons interested in displays, showing feeds good for goats and also those that were poisonous. Many items made from goat milk were displayed, in particular cheeses of different sorts. She exhibited many mechanical items, some home made, others were purchased, such as a tattoo set, medicine syringe, knife for hoof-trimming. She even exhibited vegetables and fruits that were grown with goat manure for fertilizer.

"Another item that attracted a great deal of attention was a goat wagon with a wether to pull it. The harness and wagon were both made on the farm and were not particularly fancy." A sign on the wagon told that the wagon and goat were employed on the goat farm for hauling hay

BREEDERS Directory

Breeders listed are those who usually have quality stock to offer for sale. Those indicated "•" also have bucks at stud. Check this list to locate the breeders of your favorite breed—it is your assurance of value when you buy from advertised breeders.

CALIFORNIA

- MAYRU, Virginia and Rupert Alen, Rt. 1, Box 27, Pleasant Grove, Calif.
- DOLLY-MARK RANCH, Dolly and Mark Rose, 416 Horn Ave., Santa Rosa, Calif.
- DOLLY-MARK RANCH, Dolly and Mark Rose, 416 Horn Ave., Santa Rosa, Calif.

CONNECTICUT

- FOUR WINDS, Mr. and Mrs. Madison Sayles, Rt. 1, Box 394, Norwalk, Conn.
- IRADELL HERD, Mrs. N. Clarkson Earl, Jr., West Mountain Rd., Ridgefield, Conn.

MARYLAND

- MT. GILEAD, Mr. & Mrs. Robert B. Wood, Box 317, Rt. 2, Reisterstown, Md.
- TWILIGHT HERD, H. W. Mumford, Jr., Rt. 1, Calthersburg, Md. (At Woodfield.)

MISSOURI

- LEACH, C. E., 14 West Blvd. S., Columbia, Mo.

NEW JERSEY

- HOMESTEAD NUBIANS, Mary W. Sondern, Ironia Rd., Mendham, N. J.
- BLUE HILL GOAT FARM, William M. Shaw, Blue Hill Rd., Riverdale, Westwood RFD, N. J.

PENNSYLVANIA

- TWIN VALLEY HERD, Mrs. Walter M. Sherer, Rt. 2, Manheim, Pa.

WASHINGTON

- WEST HILL NUBIANS, Jane McLaren, Bothell, Wash.

- McCORMICK, W. F., 123 South Ball St., Mount Vernon, Wash.

WISCONSIN

- CLOVERLEAF GOAT DAIRY, George Reuss, Janesville, Wis.

If you are a breeder of quality stock and wish to be included in this Breeders Directory, write directly to Dairy Goat Journal for rates and information.

CHEVONSHIRE

The prefix to remember when buying foundation or replacement stock—one of America's largest and finest producing herds. Chevonshire stands for continual show awards plus top milk production.

TOGGENBURGS • SAANENS

NUBIANS • FRENCH ALPINES

We have a number of choice purebred buck and doe kids for you to choose from. Write now for full information.

Chevonshire Farms

Producers and Processors of
QUALITY GOAT MILK

IRA D. PEEL, owner
17681 East Valley Blvd., Puente, Calif.

BILLS OF SALE

Necessary for transferring title when goats are sold. In bound books, 50 original and 50 duplicate copies, perforated, with carbons. 25c a book, postpaid.

DAIRY GOAT JOURNAL, Columbia, Mo.

ANSWERS

to your

QUESTIONS

DO YOU have questions coming up regularly in the keeping of your goats? Questions such as these—

How much should a doe be fed?

Open your copy of Aids to Goatkeeping to page 41 for the answer.

How can I dehorn my goat?

A chapter of Aids to Goatkeeping is entitled Dehorning and Other Operations.

What ration is best for my goats?

An entire chapter of Aids to Goatkeeping is devoted to feeding.

What shall I look for when I buy?

Suggestions, helps and warnings make up a chapter on this subject.

My doe's milk has blood in it!

Don't worry! Aids to Goatkeeping discusses this on page 90.

What is a grade goat?

Just turn to page 47 of Aids to Goatkeeping—all systems of breeding are discussed in this chapter.

How can I know when my doe is ready to breed?

Page 52 of Aids to Goatkeeping has the answer.

YES, questions like these, and hundreds more, come up in goatkeeping every day. Some of them can cost you a lot of money, too, if you don't have the answers when you need them.

AIDS TO GOATKEEPING is the ONE book designed to meet this very need. . . . Look at the list of contents below and see how important it is that you have your copy now to answer all these questions that come up.

Aids to Goatkeeping

Fifth Edition

By Corl A. Leach, editor
Dairy Goat Journal

—CONTENTS—

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| 1. Foreword | 12. Milking |
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| 8. Care of the Dry Doe | 19. Dehorning and Other Operations |
| 9. Care of the Freshening Doe | 20. Common Sense in Goatkeeping |
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| 11. Care of the Buck | |

—54 illustrations—

Price \$2 postpaid

Order your copy today

DAIRY GOAT JOURNAL
Columbia, Mo.

and other feed and for hauling manure back to the fields. The children were especially delighted with it. One little girl, after a ride, asked if she could kiss the goat goodby. Photographers were constantly snapping pictures of the wether and wagon. The local paper printed a half-page and the New York Times published several pictures.

"One item that seemed to excite more comment than anything else was an after-thought. It was a weather-beaten box that contained a piece of old rusty pipe, an old leather shoe, a tin can, a brick, etc. There was a large sign no one could escape reading that said 'Goats Don't Eat These.' There were hearty laughs and wisecracks, but after reading it many folks came over and made inquiry about the virtues of goats.

"The result of this display was that another fair offered Mrs. Sparhawk a premium to put the same exhibit on at their fair the following year."

Are there other suggestions for making interesting and educational displays?

—CONCLUSIONS—

What does a hen do when worms are scarce? Does she stop scratching? No, she scratches all the harder. When sales are slow a good business man advertises all the harder.

—CONCLUSIONS—

Back in 1930 Mrs. Dunn of Venice, Calif., was buying calves from tuberculosis infested dairy herds, raising the calves on goat milk and selling them to dairies tuberculosis free.

Special Notice

to

Local and State

Organizations

MILK GOATS---

Why? What? How?

(A 16-pg. booklet to help beginners find some of the answers to their problems as they start in goat-keeping)

Now READY for distribution. Your Association can buy quantities imprinted. Write for quotations.

THE AMERICAN
MILK GOAT RECORD
ASSOCIATION

P. O. Box 30

Elyria, O.

"Serving the dairy goat industry since 1904"



Gov. Wm. C. STRATTON

INVITES YOU TO THE

ILLINOIS STATE FAIR

SPRINGFIELD

AUG. 14 thru 23

FOR PREMIUM LIST, WRITE—

ILLINOIS STATE FAIR
SPRINGFIELD, ILL.

STILLMAN STANARD
DIRECTOR OF AGRICULTURE

JAMES E. TAYS
GENERAL MANAGER, FAIR

Premiums offered \$1,940
For Dairy Goats

MILKING CONTEST

Judging

Toggenburgs & Alpines
Mon., Aug. 17

Nubians and Saanens
Tues., Aug. 18

John Norris, Washington
Superintendent
Entries Close July 20